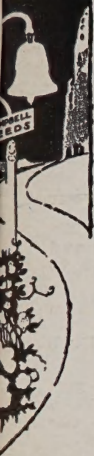


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# DEPENDABLE SEEDS

for

# 1941

LIBRARY



Brilliant New Petunia Radiance  
(See page 7) . . . 1941 Silver Medal Winner

ALL-AMERICA  SELECTIONS

# CAMPBELL SEED STORE

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PASADENA

CALIFORNIA

## "Dependable Seeds"

Since 1907, Campbell's Seeds have been growing their own reputation.

May they grow a reputation for you and your garden?

All seeds and books sent postpaid; prices of roots and plants do not include postage. All prices subject to change without notice.

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Ask for our special Sweet Pea Circular and our Bulb List, both ready by August first.

Should you not find the certain variety of seed you want in this catalog, ask us for it. We are in touch with the leading growers in this country and can obtain kinds not in stock in from 3 to 10 days.



The Intensely Brilliant New Mexican Sunflower, *Tithonia* Fireball . . . Pkt. 15c . . . See page 59



### NEW! Vigoro TABLETS

Bring all the benefits of a complete balanced plant food in a convenient tablet form . . . For potted patio and house plants, flower boxes, etc.

24 TABLETS, POSTPAID **10c**



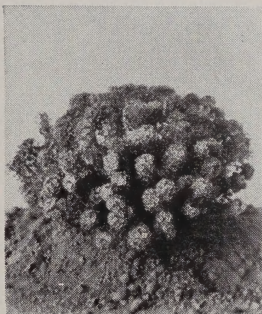
# NEW FLOWERS for Your 1941 Garden

## **ALYSSUM Violet Queen.**

Destined to be one of the most useful . . . and most used . . . flowers ever developed. The color is a shade of deep bright violet which pleases all who see it, and will set off any other flowers with which it may be combined as an edging. Covered with flowers for months, Violet Queen is ideal for such an edging, or a low bed, for the plants are unusually dwarf and compact. Best of all, prices are extremely low for a new introduction: Oz., \$2.00; ¼-oz., 60c; Pkt., 15c.



**Dimorphotheca**  
"Glistening White"



**New Alyssum**  
**Violet Queen**

## **ANTIRRHINUM nanum Amber-and-Gold.**

Another addition to the dwarf bedding group of Rust Resistant Snapdragons, Amber-and-Gold not only fills a place as the first terra-cotta color in this class, but is a lovely new flower in its own right. Buds are soft pink, changing to flowers with yellow lips, amber hoods, and soft rose throats. Pkt., 15c.

## **ANTIRRHINUM nanum DuBarry.**

Gaudy as its name would imply, DuBarry introduces yet another rich color into the ranks of dwarf bedding Rust-Resistant Snapdragons, brilliant coral-salmon, touched with gold. Pkt., 15c.

## **DIMORPHOTHECA Glistening White.**

A striking new daisy from South Africa, with extremely large flowers, 3 to 4 inches across, pure glossy white with shining black centers. Both petals and centers are so glistening that they give the impression of having just been enameled. Plants are low and spreading, ideal for an unusual spring or summer bed. Pkt., 15c.

## **DUSTY MILLER, New Type**

Botanically *Leucaphai candicans*, this is a useful new foliage plant with odd-shaped, pointed, woolly-white, felt-like leaves. Plants are dwarf and bushy throughout their spring and summer season; flowers are yellow but inconspicuous. Pkt., 25c.

## **GODETIA, Tall Carmine Improved.**

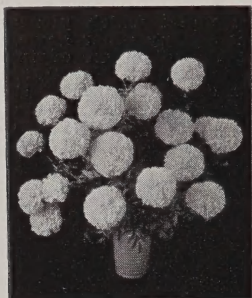
Although it is well-known that the buds of Godetias open in water after cutting, the tall-growing strains have never opened many flowers on a spike at one time. Not so this new variety, with large rose-pink, truly double flowers, each with a large carmine center-blotch, opening in profusion on long, gladiolus-like spikes, ideal for border backgrounds, and for cutting. Pkt., 15c.

## **MARIGOLD Goldsmith. Bronze Medal, A.A.S.**

Large, incurved-Chrysanthemum-type flowers of soft golden-orange, a shade which blends well with most garden colors, and should fit into any living-room. Stems are long and strong, on large, bushy base-branching plants. Pkt., 25c.

## **MARIGOLD Scarlet Glow.** **Honorable Mention, A.A.S.**

A fine new Dwarf French Marigold with bright bronzy-red, double flowers nearly 2 inches across. The plants are dwarf (1 foot) and compact, coming into bloom in about 10 weeks from seed, and bringing a rich new color-note to the garden throughout the summer. Pkt., 25c.



**Two Views of Marigold  
Pot o' Gold**

## **MARIGOLD Pot o' Gold.**

Bright deep orange Gigantea (Sunset Giants) type flowers, in size (4 inches in diameter) and lovely loose-petalled shape, yet produced very early and freely on plants little more than a foot in height! Flowers are 100% double, and stems long enough for cutting. Yet it is as a showy summer bedding annual that thousands will grow Pot o' Gold, with its flowers probably the largest ever seen on so dwarf, compact a plant. Pkt., 15c.







**Giant Gerbera Hybrids, The Transvaal Daisy.** Pkt. 25c . See page 33

**MARIGOLD Spry. Silver Medal, A.A.S.**

Brighter and an even more profuse bloomer than Harmony, Spry leads all other Dwarf French Marigolds in freedom of flowering. The clear yellow crested centers are surrounded by several rows of deep red guard petals. Plants are 8 inches high, and spread to about 15 inches, and should be found edging a garden-walk for you this summer! Pkt., 25c.

**MARIGOLD Wildfire.**

Single flowers in the full range of colors found in the French group, including many bizarre markings and combinations, resulted from a new cross between the African and French groups. The 18-inch plants bloom 8 weeks after sowing, and produce these lovely single flowers, for unusual flower arrangements, all season. Pkt., 10c.

**PETUNIA Blue Brocade. Silver Medal, A.A.S.**

Rich violet-blue, double flowers on dwarf, stocky plants, make this a fine addition to the roster of bedding plants. The large, fringed, fully-double flowers are fragrant and come true to type and color. Pkt., 50c.

**PETUNIA First Lady. Silver Medal, A.A.S.**

A "first" in more than name, this fine new, compact bedding variety is the first blush pink Petunia ever developed. The large flowers are an even shade of clear light pink, needing no white throat to give a suggestion of lightness, as is found in the older variety Rosy Morn. The 1-foot plants are exceptionally even and compact. Pkt., 25c.





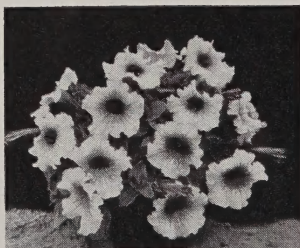
**Cheery Harmony Hybrids, the New Dwarf French Marigolds . . . Pkt. 10c . . . See page 44**

### **PETUNIA Honor Bright.**

Another new shade in Petunias . . . deep, glowing salmon-pink. The flowers are unusually large, and the plants strong and free-flowering, typical of the bedding-spreading group (1½ feet tall, and spreading 3 feet across). You will like it, Honor Bright! Pkt., 25c.

### **PETUNIA Violet Gem. Honorable Mention.**

A fine, and genuinely needed, addition to the new Miniature Petunia group (which see in the body of the catalog), Violet Gem, rich violet-blue, will be one of the most popular of all summer edging plants. The flowers are miniature in size, in keeping with the very compact, 6-inch plants, yet are profusely given all season. Pkt., 25c.



**General Washington  
Bedding Petunia**



**Iceland Poppy Pastel Tints**

### **PETUNIA General Washington.**

Martha Washington Petunia, ever since its introduction a few years ago, has been a favorite bedding and edging flower because of its fine, compact, ball-shaped habit and freedom of bloom. This new addition to the group is identical in everything but color, rich velvety red with a glistening black veined throat, the edges well-ruffled. Pkt., 25c.



**PETUNIA Radiance. Silver Medal, A.A.S.**

The highest awards in the All America Selections during these past two years have been Silver Medals, and of the four of these given this season, three went to Petunias. Radiance placed second in total points, and you may give it first place in your garden when you see this brilliant new coral-rose bedding variety. The golden throats heighten the beauty of the flowers, which cover the uniform, 18-inch plants for months. See illustration on front cover. Pkt., 25c.

**PHLOX Rosy Morn. Bronze Medal, A.A.S.**

Brilliant rose-pink with a white eye, the extra-large blossoms of this fine new Gigantea Annual Phlox, companion variety to Salmon Glory, are larger than a half-dollar. Rosy Morn is perfectly true and of a uniform 1-foot height, ideal for a distinctive mass bedding effect in your garden this summer. Pkt., 25c.

**POPPY, Iceland, Pastel Tints.**

Picked in the bud and placed in water overnight, few flowers are as dainty for table decoration as a dozen stems of softly tinted Iceland Poppies. For the first time, a complete color range is available, including pinks, salmon pinks, apricots, golden yellows, lemons, biscuits, and a few whites, in the size of flower and sturdiness of stem of the Sanford's Giants. Pkt., 25c.



**Sow Allwood's English Carnations**  
Packets 35c . . . See page 22

**SALPIGLOSSIS Red Star Chamois.**

This showy, further addition to the Semi-Dwarf group is effectively described in its name, for the large buff-yellow, or chamois, flowers are broadly striped with red, spreading star-like from the golden throats. (See also page 53.) Pkt., 15c.

**SCABIOSA Peace. Honorable Mention.**

A lovely pure white companion to the Bronze Medal winner last year, Heavenly Blue Scabiosa, Peace has the same fine, semi-dwarf (2 feet) upright habit. These two new Scabiosas are more easily handled than their taller sisters, and are perfect for bedding or cutting. Pkt., 25c.

**STOCK, Colonial, Rose Standish.**

Rose Standish is a large-flowered bright rose, the first of its color in the Colonial strain of Stock. This new group is similar to the Giant Imperial and Giants of California Stocks in size of florets, but has no central spike, so that perfect branching always results with no necessity for pinching. Long 30-inch branches spread out from the base. (See illustration, page 65.) Pkt., 25c.

For other colors in this group, see page 56.

**ZINNIA Black Ruby. Bronze Medal, A.A.S.**

The deepest color in Zinnias, this new Lilliput or Pompon type is rich, blackish maroon. The velvety texture of the petals gives the flowers an unexpected richness. This distinct new color is very effective used with other lighter shades. Pkt., 25c.

**ZINNIA, Howard's Giant Crested.**

Splendid anemone-centered blooms up to 5 inches in diameter, on long, sturdy stems, the result of a cross between the Dahlia-flowered and the Scabious-Flowered types. The color range is good, and the effect of a bouquet of these new flowers with their rounded, cushiony centers surrounded by broad guard petals, is breath-taking. Pkt., 25c.

**Life-Size Color-Photograph of a Roggli Swiss Giant Pansy . . . Pkt. 25c . . . See page 48**





# Flower Seed Planting Suggestions

## Sow in Spring

These in left columns

## Sow in Fall

These in right columns

### FOR EDGINGS

Ageratum	Marigold	Alyssum	Myostis
Aster	Nasturtium	Arabis	Nemesia
Begonia	Phlox	Armeria	Nemophila
Dianthus	Petunia	Bellis	Pansy
Gazania	Portulaca	Candytuft	Pyrethrum
Gomphrena	Verbena	Cupid Peas	Viola
Lobelia	Zinnia	Dusty Miller	Virginian Stock

### EVERLASTINGS

Physalis	Lunaria	Acroclinium	Grasses
Gomphrena	Statice	Catananche	Xeranthemum
Gypsophila paniculata		Helichrysum	

### GOOD POT PLANTS

Begonia	Mimulus	Browallia	Gesneria
Coleus	Nierembergia	Campanula	Pansy
Gloxinia	Saintpaulia	(Per.)	Primula
Impatiens	Primula	Cineraria	Streptocarpus
Lobelia, Tr.	Exacum	Cyclamen	Schizanthus

### FOR FRAGRANCE

Carnation	Nicotiana	Alyssum	Stock
Dianthus	Sweet Sultan	Candytuft	Sweet Pea
Heliotrope	Sweet Wm.	Matthiola	Wallflower
Nasturtium	(Gleam)	Mignonette	Valerian

### FOR GROUND COVER

Anagallis	Portulaca	Alyssum	Linaria
Nasturtium	Verbena	Brachycome	Nemophila
Nolana	Thunbergia	Gilia Fairy	Virg. Stock
		Stars	Wild Flowers

### FOR PARTIAL AND FULL SHADE

Aquilegia*	Impatiens	Anemone*	Pansy*
Begonia	Heuchera*	Clarkia*	Platycodon*
Cineraria	Mimulus	Bellis*	Cyclamen*
Coleus	Primula	Collinsia*	Godetia*
Campanula*	Rehmannia*	Myostis	Linaria*
Foxglove	Vinca*	Browallia	Nemophila*

\*Denotes those for Partial Shade.

### DROUGHT-RESISTANT

Ageratum	Helianthus	Abronia	Coreopsis
Calliopsis	Marigold	Alyssum	Gaillardia
Centaurea	Petunia	Arctotis	Hollyhock
Cosmos	Portulaca	Bartonia	Mesembryan-
Cynoglossum	Scabiosa	Brachycome	themum
Dianthus	Thionia	Browallia	Statice
Euphorbia	Vinca	Candytuft	Verbena
Four o'Clock	Zinnia	Dimorphotheca	

### FOR ROCK GARDENS

**Sow in Spring:** Abronia, Anagallis, Arabis, Armeria, Aubrietia, Candytuft Dwarf, Cerastium, Dianthus, Helianthemum, Iberis, Gilia Fairy Stars, Lobelia, Marigold Dwarf, Nolana, Portulaca, Rockery perennials mixed, Sanvitalia, Thunbergia, Verbena, Zinnia Haageana.

**Sow in Fall:** Alyssum, Bellis, Brachycome, Campanula pusilla, Candytuft Dwarf, Cheiranthus, Dianthus, Dimorphotheca, Gilia, Linaria, Myosotis, Nemesia, Nemophila, Phacelia, Sedum, Virginian Stock.

### VINES

**Sow in Spring:** Antigonon, Aristolochia, Asparagus plumosus, Australian Pea Vine, Balloon Vine, Balsam Apple and Pear, Canary Bird Vine, Cardinal Climber, Coboea, Cypress Vine, Dolichos or Hyacinth Bean, Gourds, Humulus or Japanese Hop, Kudzu Vine, Lathyrus latifolius, Mile - a - Minute, Mina lobata, Moon Vines, Morning Glories, Thunbergia, Phaseolus or Snail Vine, Scarlet Runner, Wild Cucumber.

**Sow in Fall:** Early Spencer Sweet Peas.

# CAMPBELL'S PLANTING CHART

**SYMBOLS USED:** **P**—Perennial, **PA**—Perennial which flowers first year if sown early (those not designated **P** or **PA** are of course Annuals), **S**—Shade,  $\frac{1}{2}$ **S**—Semi-shade, **F**—Fragrant, **T**—Tender (should not be set outdoors until all danger of Frost is over), **V**—Vine, **C**—Ground-cover, **F-O**—May be sown either in open ground or in flats.

NAME	Sow	Where	Bloom	Height
<b>Abutilon</b> PA T $\frac{1}{2}$ S	Feb.-April	Glass	June-Sept.	3 ft.
<b>Achillea</b> P	March-July	Flat	April-July	2 ft.
<b>Acroclinium</b>	Nov.-March	Open	April-July	1½ ft.
<b>Agathea</b> P	March-Aug.	Flat	All Year	1½ ft.
<b>Ageratum</b> T	Feb.-Aug.	Flat	June-Oct.	½-2 ft.
<b>Agrostemma</b> P	March-Sept.	Flat	June-July	2 ft.
<b>Alyssum, Sweet</b> F	Anytime	Open	All Year	6 in.
<b>Alyssum</b> P	March-June	Flat	April-May	10 in.
<b>Anagallis</b> C	March-June	Open	May-Aug.	8 in.
<b>Anemone</b>	July-Nov.	F-O	March-April	8 in.
<b>Antirrhinum</b>	July-Feb.	Flat	Jan.-July	½-4 ft.
<b>Aquilegia</b> P $\frac{1}{2}$ S	April-Aug.	Flat	May-July	3 ft.
<b>Arabis</b> P	Anytime	Flat	Feb.-April	8 in.
<b>Arctotis</b> PA	Anytime	Flat	All Year	1½ ft.
<b>Aster</b>	Feb.-June	Flat	July-Sept.	2½ ft.
<b>Aster</b> P	Feb.-June	Flat	Sept.-Nov.	2 ft.
<b>Aubrietia</b> P	Jan.-May	Flat	Feb.-April	6 in.
<b>Balsam</b> T $\frac{1}{2}$ S	March-May	F-O	June-Sept.	1½ ft.
<b>Bartonia</b>	Nov.-April	Open	March-July	2 ft.
<b>Begonia</b> PA T $\frac{1}{2}$ S	Jan.-May	Glass	All Year	6 in.
<b>Bellis</b> PA $\frac{1}{2}$ S	Oct.-April	Flat	Feb.-Aug.	6 in.
<b>Brachycome</b>	Nov.-April	Open	March-July	10 in.
<b>Browallia</b> $\frac{1}{2}$ S	Sept.-March	Open	Jan.-June	1 ft.
<b>Calceolaria</b> T S	Aug.-Dec.	Glass	Jan.-May	1 ft.
<b>Calendula</b>	July-March	Flat	Dec.-June	2 ft.
<b>Campanula</b> $\frac{1}{2}$ S	April-July	Flat	May-July	3 ft.
<b>Calliopsis</b>	March-July	Open	June-Oct.	1-3 ft.
<b>Candytuft</b>	Nov.-May	Open	March-Aug.	1 ft.
<b>Carnation</b> P F	Oct.-April	Flat	May-Oct.	1½ ft.
<b>Celosia</b> T	March-May	Flat	July-Oct.	1-2 ft.
<b>Centaurea</b>	Nov.-May	F-O	March-Aug.	1-3 ft.
<b>Chrysanthemum</b> P	Feb.-May	Flat	Sept.-Dec.	3 ft.
<b>Cineraria</b> T S	June-Oct.	Flat	Feb.-June	1-3 ft.
<b>Clarkia</b>	Nov.-April	Open	April-July	2 ft.
<b>Coboea</b>	Feb.-May	Open	July-Aug.	
<b>Coleus</b> P T S	Feb.-May	Glass	Foliage	1-2 ft.
<b>Collinsia</b> $\frac{1}{2}$ S	Nov.-April	Open	March-June	15 in.
<b>Cosmos</b>	March-July	Open	June-Oct.	3-5 ft.
<b>Coreopsis</b> P	Nov.-March	Flat	May-Aug.	3 ft.
<b>Cyclamen</b> P S	June-Oct.	Flat	Nov.-May	1 ft.
<b>Cynoglossum</b>	Oct.-March	F-O	March-July	2 ft.
<b>Cypress Vine</b> V T	March-May	Open	July-Sept.	
<b>Dahlia</b> PA T	Feb.-May	F-O	July-Oct.	1-6 ft.
<b>Delphinium</b> P	Anytime	Flat	April-Oct.	5 ft.
<b>Dianthus</b> P F	Feb.-June	Flat	All Year	1 ft.
<b>Didiscus</b>	Feb.-May	F-O	May-Aug.	2½ ft.
<b>Digitalis</b> Bien. $\frac{1}{2}$ S	Sept.-May	Flat	April-July	4 ft.
<b>Dimorphothea</b>	Nov.-June	F-O	Nov.-June	1 ft.
<b>Eschscholtzia</b>	Aug.-March	Open	March-Sept.	1 ft.
<b>Gaillardia</b> P	Sept.-April	Flat	March-Sept.	2 ft.
<b>Gaura</b>	Feb.-May	F-O	July-Oct.	3 ft.
<b>Gerbera</b> P	Anytime	Flat	All Year	1½ ft.
<b>Geum</b> P	Aug.-March	Flat	April-July	1-2 ft.
<b>Gilia</b>	Nov.-May	Open	June-Oct.	1 ft.
<b>Gloxinia</b> PA T S	Jan.-April	Glass	March-Aug.	1-2 ft.
<b>Godetia</b>	Nov.-May	Open	July-Oct.	
<b>Gourds</b> V T	March-June	Open		
<b>Gypsophila</b>	Anytime	Open	All Year	2 ft.
<b>Helichrysum</b>	Oct.-May	F-O	April-Sept.	3 ft.
<b>Heliotrope</b> PA T F	Feb.-May	Flat	June-Nov.	3 ft.
<b>Heuchera</b> P $\frac{1}{2}$ S	July-March	Flat	May-Aug.	1½ ft.
<b>Hollyhock</b> P	Feb.-Aug.	F-O	June-Sept.	5 ft.
<b>Hunnemannia</b> PA	Nov.-April	F-O	June-Sept.	2 ft.
<b>Iberis</b> P F	Nov.-May	F-O	Feb.-June	1 ft.
<b>Impatiens</b> PA T S	March-June	Flat	June-Oct.	1½ ft.
<b>Kochia</b>	Jan.-June	Open	Foliage	2-3 ft.



NAME	Sow	Where	Bloom	Height
<b>Lantana</b> PA T	Nov.-April	Flat	May-Nov.	1-5 ft.
<b>Lathyrus</b> PA V	Nov.-May	Open	June-Aug.	
<b>Larkspur</b>	Oct.-May	Open	April-July	3-5 ft.
<b>Lavender</b> P F	Oct.-March	Flat	April-June	2 ft.
<b>Leptosyne</b>	Nov.-July	Open	April-Sept.	1½ ft.
<b>Linaria</b>	Oct.-May	Open	Jan.-Aug.	15 in.
<b>Linum rubrum</b>	Anytime	Open	All Year	2 ft.
<b>Lobelia</b> T	Jan.-May	Flat	May-Nov.	4 in.
<b>Lupinus</b>	Dec.-April	Open	March-July	1-3 ft.
<b>Marigold</b>	Jan.-July	Flat	July-Nov.	1-3 ft.
<b>Mignonette</b> F	Anytime	Open	All Year	1 ft.
<b>Mimulus</b> F T ½ S	March-June	Flat	May-Aug.	10 in.
<b>Mina lobata</b> V T	March-May	Open	Aug.-Nov.	
<b>Morning Glory</b> V T	March-June	Open	June-Nov.	
<b>Myosotis</b> PA S	Sept.-May	F-O	Feb.-June	1 ft.
<b>Nasturtium</b> C F T	Oct.-May	Open	Jan.-Aug.	10 in.
<b>Nemesia</b>	Oct.-April	F-O	Feb.-June	1 ft.
<b>Nemophila</b> C	Oct.-May	Open	Jan.-Aug.	10 in.
<b>Nicotiana</b> F ½ S	Oct.-June	Open	Feb. June	1 ft.
<b>Nierembergia</b> PA	Feb.-June	Flat	March-June	6 in.
<b>Pansy</b> F	July-Dec.	Flat	Oct.-July	6-in.
<b>Pentstemon</b> PA	Sept.-April	Flat	March-Nov.	2 ft.
<b>Petunia</b> C	Jan.-July	Flat	Mar.-Nov.	6-30 in.
<b>Phacelia</b> C	Nov.-April	Open	March-July	1-2 ft.
<b>Phlox Drummondii</b>	Jan.-July	F-O	April-Nov.	1 ft.
<b>Poppy, Iceland</b> PA	Aug.-March	F-O	Jan.-July	1½ ft.
<b>Poppy, Shirley</b>	Nov.-May	Open	March-July	1½ ft.
<b>Portulaca</b> C T	Feb.-May	F-O	June-Oct.	6-in.
<b>Primula poly.</b> P S	Nov.-May	Flat	March-May	6-in.
<b>Primula malac.</b> S	May-Oct.	Flat	Dec.-May	1 ft.
<b>Fyrethrum</b> P	Sept.-May	Flat	March-June	1½ ft.
<b>Ranunculus</b> PA	July-Nov.	F-O	Feb.-May	1 ft.
<b>Rehmannia</b> PA ½ S	Oct.-April	Flat	March-Oct.	2-4 ft.
<b>Rudbeckia</b> P	Aug.-May	Flat	Aug.-Nov.	2 ft.
<b>Saintpaulia</b> P T S	Anytime	Glass	All Year	6-in.
<b>Salpiglossis</b>	Nov.-June	F-O	April-Sept.	2 ft.
<b>Salvia</b> T	Feb.-May	Flat	June-Sept.	1-2 ft.
<b>Saponaria</b>	Feb.-May	Open	April-July	2 ft.
<b>Scabiosa</b>	Nov.-May	F-O	Mar.-Sept.	2½ ft.
<b>Schizanthus</b> ½ S	Nov.-May	F-O	March-July	1½ ft.
<b>Shasta Daisy</b> PA	Anytime	Flat	May-Aug.	2 ft.
<b>Statice</b> P ½ S	Anytime	Flat	All Year	2 ft.
<b>Stevia</b> PA	Jan.-May	F-O	Dec.-May	2 ft.
<b>Stock</b> F	July-March	Flat	Dec.-June	2 ft.
<b>Stokesia</b> P	Dec.-April	Flat	July-Sept.	2 ft.
<b>Streptocarpus</b> P T	Nov.-March	Glass	April-Oct.	6-in.
<b>Sweet William</b> P F	Oct.-May	Flat	April-July	1½ ft.
<b>Thalictrum</b> P	Oct.-May	Flat	Aug.-Sept.	4 ft.
<b>Tithonia</b> T	March-June	F-O	Sept.-Nov.	6-8 ft.
<b>Torenia</b> T	April-July	Flat	July-Oct.	9 in.
<b>Trachelium</b> P	Feb.-May	Flat	June-Sept.	1½ ft.
<b>Valeriana</b> PA F	Dec.-April	F-O	June-Sept.	2½ ft.
<b>Venidium</b>	Dec.-April	F-O	March-July	2 ft.
<b>Verbena</b> PA F C	Dec.-Aug.	F-O	March-Nov.	1 ft.
<b>Vinca</b> PA	Feb.-April	Flat	May-Nov.	1 ft.
<b>Viola</b> F	July-March	Flat	Oct.-June	6 in.
<b>Virginian Stock</b> C	Oct.-April	Open	Jan.-July	6 in.
<b>Violet</b> P F ½ S	Sept.-May	Flat	Jan.-May	6 in.
<b>Viscaria</b>	Oct.-April	F-O	April-June	1 ft.
<b>Wallflower</b>	Sept.-March	F-O	Jan.-June	1½ ft.
<b>Zinnia</b>	March-July	F-O	June-Nov.	1-3 ft.



**Campbell's Larkspur**  
Growing for Seed



**California-Grown**  
Seeds Lead the World

# FLOWERS

The **germination period** of most of the flower seeds has been compiled, and is included in the description of the varieties in this catalog.

**Per.** stands for Perennial—flowers which bloom for two or more years.

**Bien.** stands for Biennial—flowers which first bloom the second year, then die.

Unmarked flowers in this list are Annuals.

**Colors** are listed first in each paragraph, as a guide. This does not necessarily mean that all these shades are available separately, however.

**Planting Suggestions** are on pages 9 to 11.



**New Hybrid  
Acroclinium**



**Abronia, Calif.  
Sand Verbena**

## **ABRONIA umbellata (Sand Verbena). a-broh'-ni-a.**

Rosy-lilac, verbena-like flowers, fragrant at night; trailer for sunny rockery or window box; sow November to April.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.

## **ABUTILON maximum (Flowering Maple). Per. a-bu'-ti-lon.**

Pink, yellow, and red, bell-shaped flowers in six months from seed; 3 feet; sow February and March for bloom same year. **Mixed.**  $\frac{1}{32}$ -oz., 60c; Pkt., 10c.

## **ACANTHUS latifolius. Per. a-kan'-thus.**

Decorative, large green foliage; lavender flowers in spikes; 3 feet; sow October to May,  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.

## **ACHILLEA (Yarrow). Per. a-kill'-ee-ah.**

White, yellow, and rose-red, small double flowers in clusters, for beds and bouquets; 2 feet; sow March to July. Germination period 14 days. **Ptar-mica (The Pearl)**, white; **Kelwayi Rosea**, rose-red. Pkts., 10c. **Filipendula, Parker's Yellow**, 4 feet. Pkt., 15c.

## **ACONITUM Napellus. (Monk's Hood). Per. ak-oh-ny'-tum.**

Dark blue flowers in delphinium-like spikes; 3 to 5 feet tall; sow March to July. Germination period from 1 to 6 months.  $\frac{1}{16}$  oz., 25c; Pkt., 15c.

## **ACROCLINIUM Roseum hybridum. ak-roh-klin'-ee-um.**

Pink and white, double, everlasting flowers; often bloom in 8 weeks;  $1\frac{1}{2}$  feet high; sow November to March. Germination period 2 to 3 weeks; **New Sensation Giants**, with richer colors and larger flowers; splendid for cut flowers, used either fresh

## **ADONIS Autumnalis (Red Chamomile). a-don'-is.**

or dried.  $\frac{1}{8}$ -oz., 40c; Pkt., 10c. Deep crimson flowers; feathery foliage;  $1\frac{1}{2}$  feet. sow Jan. to May.  $\frac{1}{4}$ -oz., 20c; Pkt., 10c.

## **AGERATUM Mexicanum (Floss Flower). a-jer-ay'-tum.**

Blue, feathery flowers in clusters; very free-blooming all summer and fall; sow February to June. Germination period 14 days.

**Midget Blue**, 3 inches; NEW;  $\frac{1}{16}$  oz., 75c; Pkt., 15c.

**Blue Ball Improved**, 6 in.  $\frac{1}{16}$  oz., 60c; Pkt. 10c.

**Fairy Pink**, rose-pink, 4 inches.  $\frac{1}{16}$  oz., 75c; Pkt., 15c.

**Tall Blue**, for cutting, 2 feet.

**White**, 6 inches.  $\frac{1}{4}$ -oz., 35c; Pkt., 10c.

**AGATHEA coelestis (Blue Daisy). Per.** ag-a-thee'-a.

Clear blue with yellow disk; splendid for small bouquets; good border or low hedge; 1 to 2 feet high; sow March to Aug.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.



**Blood-Red  
Agrostemma**



**Everblooming  
Blue Agathea**

**AGROSTEMMA coronaria. (Rose Campion). Per.** ag-gross'-stem-ma.

Blood red flowers, with silvery foliage; for beds, or cutting; 2 feet; sow March to September. Germination period 10 to 14 days.  $\frac{1}{4}$ -oz., 20c; Pkt., 10c.

**ALYSSUM. Sweet. a-liss'-sum.**

White, lilac, cream fragrant heads of tiny flowers; fine for edgings, beds, or ground cover; sow any time. Germination period 10 to 20 days.

**Carpet of Snow**, spreading white; 3 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Lilac Queen**, lavender; 6 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Little Gem**, white; 6 inches. Oz., 60c;  $\frac{1}{2}$ -oz., 35c; Pkt., 10c.

**Cream Yellow**; 6 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Maritimum**, very fragrant white; 1 foot. Oz., 35c;  $\frac{1}{2}$ -oz., 20c; Pkt., 10c.

**Violet Queen**, new deep bright violet. 4 inches. (See Novelties, page 3). Oz., \$2.00;  $\frac{1}{2}$ -oz., \$1.10;  $\frac{1}{4}$ -oz., 60c; Pkt., 15c.

**ALYSSUM Saxatile compactum. Per.**

Yellow flowers in masses; 1 foot; fine for borders; sow March to July for late spring bloom.

**Gold Dust**, bright golden yellow.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**Citrinum** (Sulphureum), pale yellow. Pkt., 15c.

**ALSTROEMERIA aurantiaca (Peruvian Lily). Per.**

al-strem-meer'-i-a.

Orange, streaked red; forms bulbous root; 2 to 3 feet high; sow March to October. Pkt., 25c.

**ALONSOA (Mask Flower).**

a-lon-zo'-a.

Bright orange-red, or delicate pink, flowers in racemes; dark green foliage;  $1\frac{1}{2}$  feet high; sow Nov. to April.

**Mutisii**, soft salmony pink; lovely.

**Warscewiczii**, bright orange - scarlet. Pkts., 10c.

**AMARANTHUS. am-a-ranth'-us.**

Showy summer bedding annuals; prefer lime soil. Colored foliage:

**Molten Fire**, fiery crimson. Pkt., 10c.

**Salicifolius** (Fountain Plant), bright red-and-gold "shredded" foliage. Pkt., 10c.

Drooping red tassels: **Caudatus** (Love - Lies - Bleeding). All, about 3 feet; sow March to June. Germination period 5 to 10 days.

Pkt., 10c.



**"Fountain Plant"  
Amaranthus  
Salicifolius  
Packet 10c**

**ANAGALLIS grandiflora.** a-na-gal'-lis.

Vivid blue, brick-red, lavender; for sunny rockeries, low beds, and borders; 8 inches; sow March to June. Germination period 3 weeks. **Blue**, and **Mixed**.  $\frac{1}{8}$ -oz., 25c; Pkts., 10c.

**ANCHUSA capensis (Blue Bird).** an-koo'-sa.

Deep blue, Forget-me-not-like flowers, for sun; 2 feet; sow October to April.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**ANCHUSA Italica grandiflora.** Per.

Gentian-blue, large Forget-me-not-like flowers; 3 to 5 feet tall; sow March to July. Germination period 2 to 3 weeks. Dropmore variety. Pkt., 10c.



**Calif. Giant Sunshine  
Aster** . . . See page 17



**Anemones Bloom  
the First Year**

**ANEMONE coronaria (Wind Flower).** Per.

a-nem'-o-nee.

Red, blue, lavender, pink, white poppy-like flowers; 8 inches; sow July to November for bloom following spring. Germination period 25 to 45 days.

**Monarch de Caen**, large single strain **Mixed**.

**Blue Poppy**, pure deep blue.

**His Excellency**, rich red.

**St. Brigid**, semi-double **Mixture**. Pkts., 15c; large Pkts., 35c.

**ANTHEMIS Tinctoria Kelwayi.** Per. an'-them-is.

Lemon-yellow daisies; feathery foliage; 3 feet; sown November to April, blooms first season. Germination period 2 weeks.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**ANTIGONON leptopus (Mexican Mountain Rose).**

Per. Vine. an-tig'-o-non.

Rose-pink flowers in clusters on tender vine, in late summer; makes quick growth each summer after second or third year; sow March to June.  $\frac{1}{8}$ -oz., 25c; Pkt., 15c.

**ANTIRRHINUM (Snapdragon).** an-tir-ry'-num.

Rich colors in a wide range, with a long blooming season, make this one of the most popular as well as one of the best bedding and cutting annuals; sow July to April. Germination period 10 to 15 days.

**Rust-resistant varieties** now equal the old in color and form, and are immune, or very resistant, to rust. Unless otherwise noted, all varieties listed are **Rust-resistant**.

**Maximum** (large-flowered and tall; 3 to 4 ft.):

**Alaska**, finest white.

**Apple Blossom**, pink with white tube.

**Campfire**, pure luminous scarlet.

**Canary Bird**, clear rich yellow.

**Copper Shades**, velvety orange and old gold.

**Copper King**, deep bronzy copper.

**Crimson**, deep velvety red.

**Swing Time**, rose pink.

**Maximum Mixed**.  $\frac{1}{16}$ -oz., 25c; Pkt., 10c.

**Separate colors**, Pkts., 15c; 3 for 35c.



**Super-Majestic** (new group, with extra-large flowers on plants intermediate in height. The long flower-spikes give the effect of somewhat greater height than the medium group):

**Autumn Glow**, old rose suffused amber.

**Dainty**, light pink.

**Golden Rod**, new deep yellow.

**Harmony**, terra cotta and yellow, tinted pink.

**Red Rocket**, bright red.

**Rose Sensation**, best salmon-tinted rose-pink.

**Ruby**, rich deep red.

**Tangerine**, golden orange shades.

**Super-Majestic Mixed**. 1/16-oz., 45c; Pkt., 15c. Separate colors, Pkts., 15c; 3 for 35c.

**Medium** (the finest height for bedding; 1½ to 2½ feet):

**Amber-and-Gold**, new. See Novelties, page 3.

**Apple Blossom**, new. Light rose-pink.

**DuBarry**, new. See Novelties, page 3.

**Glowing Sunset**, rosy scarlet.

**Old Gold**, copper and bronze shades.

**Orange**, apricot and orange shades.

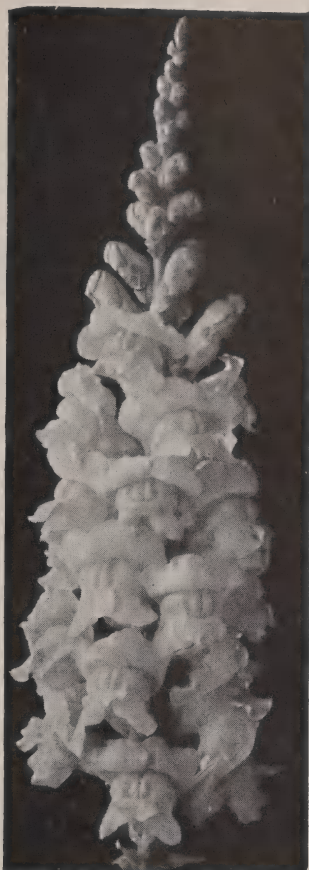
**Red Boy**, clear deep scarlet.

**Yellow Gem**, clear yellow.

**New White**, pure white.

**Mixed, all colors**. 1/16-oz., 20c; Pkts., 10c.

**Magic Carpet** (New), dwarf mixture, not rust-resistant. Pkt., 15c.



**Rustproof Snapdragon**

## **AQUILEGIA (Columbine). Per. a-kwee-lee'-ji-a.**

Yellow, pink, blue, orange, and red large airy flowers on graceful plants in spring and early summer; stand sun or partial shade; 2 to 3 feet; sown April to August will bloom next spring. Germination period 20 to 60 days.

**Alpina**, dwarf blue (18 inches). 1/16 oz. 35c. pkt. 10c.

**Chrysantha Yellow**. 1/16 oz. 35c, pkt. 10c.

**Clematiflora** (New), spurless variety, in clear pastel colors, with large open flowers like Clematis. Pkt. 35c.

### **Long-spurred varieties:**

**Blue Shades**, extra selected.

**Crimson Star**, dark red with white center.

**Orange and Scarlet Shades**.

**Snow Queen**, finest white.

**Rose Queen**, pink and rose.

**Hybrids Mixed**, contains all colors and shades. (Illus. page 66.)

All above 1/32 oz. 45c, pkt. 15c.



← **Aquilegia Longissima**, New vigorous yellow with 4-inch spurs. Pkt. 25c.

**ARABIS Alpina (Rock Cress). Per.** ar'-ra-bis.

White, fine flowers, forming blanket of bloom in spring in sun, on poor soil; 8 inches; sow any time. Germination period 3 weeks.  $\frac{1}{8}$  oz. 25c, pkt. 10c.



**Hybrid Arctotis, One of the Best of All African Daisies, Bloom "13 Months a Year" . . .** Packets 15c and 35c

**ARCTOTIS (African Daisies). Per.** ark-toh'-tis.

Large daisies on long stems, for cutting and beds; fine in extra-dry sunny places;  $1\frac{1}{2}$  feet; sow October to April for bloom first summer.

**Grandis**, pale lilac. Pkt. 10c.

**New Hybrids**, containing many shades of yellow, orange, bronze, red, and lavender, almost constantly in bloom. Large pkt. 35c, small pkt. 15c.

**ARISTOLOCHIA (Dutchman's Pipe). Per.** Vine.

a-ris-toh-loh'-ki-a.

Purplish, curious flowers on rampant vine, with glossy, heart-shaped leaves; seed germinates slowly; sow March to July. Pkt., 10c.

**ARMERIA maritima Formosa (Sea Pink; Thrift). Per.**

ar-meer'-i-a.

Rose-pink flower-clusters above grassy foliage; for cutting and borders; sow January to July. Germination period 2 weeks. **Large-flowered Hybrids**, with large heads on 15-inch stems. Pkt., 15c.

**ARTEMISIA annua. ar-tem-miz'-i-a.**

Decorative, feathery silver-gray foliage;  $\frac{1}{2}$  feet; sow March to June. Pkt., 10c.

**ASPARAGUS Fern. Per.** as-pa'-ra-gus.

**Sprengeri**, with red berries, for pots and hanging baskets; **Plumosus nanus**, feathery, fern-like foliage for bouquets. Sow March to September. Germination period 15 to 30 days. 100 seeds, 45c; Pkts., 10c.

**ASTER.**

One of the best summer bedding and cutting annuals, sow all varieties February to June; Single Rainbow as late as August. Germination period 1 to 2 weeks.

Mixtures listed below usually contain pink, rose, lavender, purple, crimson, and white.

**Early Giant**, new wilt-resistant group, similar in flower to the California Giants, but somewhat shorter in height and not so spreading.

**Light Blue.**

**Peachblossom**, light pink.

**Rose Marie**, new rich rose-pink. 1/32-oz., 30c; Pkts., 20c.

**Super Giant Type**, new, greatly improved California Giants, earlier and larger-flowered. **El Monte**, giant crimson-red. **Los Angeles**, giant clear pink. 1/16-oz., 30c; Pkts., 15c.

**Golden Sheaf**, yellow, new, large-centered Aurora-type, Wilt-resistant. 1/16-oz., 30c; Pkt., 15c.

**Comet or Crego** (large, curly-petalled; medium-length stems, 2½ feet), **Enchantress**, salmon-rose; **Illusion**, soft apricot-pink; All Colors Mixed, Wilt-resistant. ¼-oz., 35c; Pkts., 10c.

**Heart of France**, rich red, medium-sized flowers. Wilt-resistant. 1/16-oz., 30c; Pkt., 15c.

**California Giants** (long-stemmed, double, curly-petalled; 2½ feet): **Rose**, **Peachblossom**, **Light Blue**, **Purple**, **White**, and **Mixed**. 1/16-oz., 30c; Pkts., 10c. (See bottom of page 55.)

**Early Beauty** (long-stemmed, double, incurve-petalled; 2½ feet): **Rose**, **September Beauty** (shell pink), **Light Blue**, **Purple**, **Crimson**, **White**, and **Mixed**. Wilt-resistant. 1/16 oz., 25c; Pkts., 15c. (See bottom of page 55.)

**Giant California Sunshine**, new large, single, anemone-centered; 2½ feet; Mixed. Pkt., 15c.

**Single Rainbow** (very floriferous for bedding and cutting; 2 feet); **Pink**, **Rose**, **Light Blue**, **Purple**, and **Mixed**. ¼-oz., 35c; Pkts., 10c.



**Dependable Rainbow Single Asters, Showy in the Garden or in Bouquets . . . Pkt. 10c**

**ASTER (Michaelmas Daisy). Per. (See also Erigeron.)**

Blue, lavender, and pink single asters in clusters for late fall beds; 2 feet; sown February to April, bloom same year. Germination period, 2 weeks, **Mixed**. 1/32-oz., 35c; Pkt., 15c.



**AUBRIETIA (Rainbow Rock Cress).** Per. au-bree'-shee-a.

Lavender, pink, and purple flowers, resembling Virginian Stock, for sunny rockery or border; 6 inches; sow January to May. Germination period 25 days. **Deltoidea**, blue-lilac. **Large-flowering Hybrids Mixed**. Pkts., 15c.

**AUSTRALIAN PEA VINE (Dolichos lignosus).** Per.

Rose-pink, small, pea-shaped flowers on rapid evergreen vine; sow November to March. Germination period 12 days.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**BABY BLUE EYES.** (See *Nemophila*.)**BABY'S BREATH.** (See *Gypsophila*.)**BACHELOR'S BUTTON.** (See *Centaurea cyanus*.)**BALLOON VINE (Cardiospermum).** Vine.

White, small flowers; inflated seed-pods resemble balloons; rapid climber; sow March to May. Germination period 14 to 40 days.  $\frac{1}{2}$ -oz., 30c; Pkt. 10c.

**BALSAM VINES. (Momordica.)** Vine.

Yellow flowers on good foliage vines, with showy fruits; sow March to May. Germination period 30 days. **Apple**, scarlet fruit; **Pear**, orange fruit.  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**BALSAM (Lady's Slipper).** ball'-sum.

Pink, salmon, red, white, double camellia-like flowers on bushy plants, thriving in hot sun and rich soil, copiously watered; 18 inch; sow March to May. Germination period 10 to 14 days.

**Giant Camellia-flowered. Mixed.**  $\frac{1}{4}$ -oz., 35c; Pkt., 10c.

**BAPTISIA australis (False Indigo).** Per. bap-tiz'-i-a.

Deep blue, Lupin-like flowers on attractive bushy plants with bluish-green leaves; 3 feet; sow February to August. Entirely dormant in winter. Pkt., 10c.



Wild California "Blazing Star" or Bartonla  
... Pkt. 10c

**BARTONIA (Mentzelia) (Blazing Star).** bar-tone'-i-a.

Golden yellow, large silken-petalled flowers with many stamens; Calif. native, for sun and sandy soil; 2 feet; sow November to April. Germination period 5 to 10 days.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.



**BEGONIA.** Per. bee-gohn'-i-a.

Useful bedding and pot plants, for full or partial shade; sow January to May, on surface of fibrous loam, fine sand and leaf mold, preferably under glass, and watering from below.

**Fibrous-rooted:**

**Luminosa**, scarlet, brown foliage.

**Prima Donna**, rose-pink, green foliage.

**Christmas Cheer**, darkest scarlet; large.

**Christmas Pink**, large rosy pink.

**Indian Maid**, scarlet, very dark foliage.

**Carmen**, salmon-rose, bronze foliage.

**White Pearl**, clear white. Pkts., 25c.

**Tuberous-rooted:**

**Single Mixed.**

**Single Frilled Mixed.**

**Giant Double Mixed.** Pkts., 50c; 3 for \$1.25.

**BEANS** (See *Dolichos*, and *Scarlet Runner*.)**BELLIS perennis** (English Daisy). Per. bell'-lis.

Pink, red, and white double flowers for edgings and low beds in sun or shade; 6 inches; sow August to April (blooms in 5 months). Germination period 10 to 14 days. *Monstrosa* (large-flowered) sorts: **Light Pink**; **Deep Rose**; **Etna**, quilled red; **White**; **Mixed**. Large Pkts., 25c; Small Pkts., 10c.

**BIDENS** (Miniature Cosmos). by'-dens.

Golden yellow, star-like flowers, on compact bushes with finely-cut foliage; 1½ feet; sow Feb. to May. Germination period 10 days. Pkt., 10c.

**BOLTONIA latisquama**. Per. bole-tone'-i-a.

Light pink, aster-like flowers in midsummer, fine for cutting; 4 feet; sow February to October. Germination period 20 days. Pkt., 10c.



**Lovely Brachycome**



**Calif. Giant Petunias**  
Pkt. 25c . . . See page 49

**BRACHYCOME Iberidifolia** (Swan River Daisy).

bra-kick'-o-me.

Blue, pink, and white flowers like small *Cinerarias*, for low winter and spring beds, ground-cover, and cutting; 10 inches; sow Nov. to May. Germination period 10 days. **Blue**; **Pink**; **White**; **Mixed**. Oz., \$1.00; ½-oz., 55c; ¼-oz., 30c; Pkt., 10c.

**BROWALLIA** brow-wall'-i-a.

Pure blue flowers in all seasons, and in sun or shade; prefers rich soil; 1 foot; sow any time. Germination period 1 month.

**Alba**, white.

**Elata**, dark blue bedder. ⅛-oz., 35c; Pkts., 10c.

**Speciosa Major**, large-flowered, bright blue pot variety. Pkt., 25c.

**CABBAGE, Flowering; Ornamental Kale.**

The foliage, as it becomes well-developed, turns green-and-white, or shades of purple, etc., usually along the curly or fringed edges, so that the entire loose head resembles a huge flower, striking in flower arrangements. Sow March to September. Large Pkt., 35c; Small Pkt., 15c.

**CACALIA coccinea** (Tassel Flower). ka-kale-i-a.

Red and yellow tassels on wiry stems for bouquets; 18 inches; sow February to June. Germination period 10 days. Mixed. Pkt., 10c.

**CACTUS.** Per.

Drought-resisting, more or less spiny; sow in small seed pans indoors, or when weather is warm outdoors. **All Kinds Mixed**. 50 Seeds, 35c; 15 Seeds, 15c.



**Calceolaria, The "Pocketbook Flower"**

**CALCEOLARIA.** Per. kal-see-oh-lay'-ri-a.

Yellow, orange, and red, spotted purse-shaped flowers in clusters, for pots and shady beds; about 1 foot; sow August to December.

**Hybrida Grandiflora**, large-flowered, tender pot strain.

**Rugosa Hybrida, Flower Cloud Mixed**, hardy strain with medium-sized flowers, for outdoor bedding in shade. Pkts., 50c.

**CALENDULA.** (Winter Marigold). ka-len'-jew-la.

Shades and combinations of orange, yellow, and cream, double flowers, ideal for winter and spring beds and for cutting; 1 to 2 feet; sow July to March. Germination period 10 to 14 days.

**Flat-flower varieties:**

**Ball's Apricot**, soft apricot-orange.

**Ball's Gold**, large deep yellow.

**Campfire**, large dark orange.

**Masterpiece**, largest long-stemmed orange.

**Lemon Queen**, clear yellow.

**Meteor**, cream, striped orange.

**Orange Fantasy**, coppery-orange petals edged red, center crested.

**Orange King Improved**, standard rich orange.

**"White,"** cream picoteed apricot.

**Art Shades Mixed** (new, pleasing mixture, many with picotee edges).

**All Colors Mixed.**

All,  $\frac{1}{2}$ -oz., 50c;  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**Loose-petalled varieties:**

**Chrysantha (Sunshine)**, large, semi-double buttercup-yellow.

**Chrysantha Twilight**, cream-yellow.

**Friiled Beauty**, an improved Shaggy with laciniated orange petals.

**Lemon Shaggy.**

**Orange Sunshine**, like Chrysantha except color.

**Radio**, quilled deep orange.

All,  $\frac{1}{2}$ -oz., 50c;  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**Yellow Colossal**, new, improved Chrysantha: larger, more double.  $\frac{1}{8}$ -oz., 35c; Pkt., 15c.

**CALIFORNIA POPPY.** (See Eschscholtzia.)

**CALLIOPSIS (Annual Coreopsis).** kal-lee-op'-sis.

Bright yellow, yellow-and-red, and red daisy flowers, showy in summer beds, and as cutflowers; sow March to July. Germination period 10 to 14 days.

**Dwarf Varieties:**

**Golden Crown**, 1 foot, showy large deep yellow with small red center-zone.

**Tiger Star**, 6 in., dark red narrow petals.

**Dwarf Mixed**, 6 in., all shades.  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**Tall Varieties Mixed**, 3 feet.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.



**Dwarf Calliopsis**  
for Eugings

← **Golden Crown**  
**Calliopsis**

**CALLIRHOE (Poppy Mallow).** Per. kal-lir'-o-ee.

Crimson, poppy-like large cups on a spreading drought-resistant perennial which blooms the first season; 18 in.; sow March to July. Pkt., 15c.

**CAMPANULA medium (Canterbury Bells).** Biennial.

kam-pan'-you-la.

Light and dark blue, pink, white, bell-shaped flowers the second year from seed; 3 feet. Germination period 10 to 15 days.

**Calycanthemum** (cup - and - saucer), **Rose - Pink**, **Light Blue**, **Dark Blue**, **White**, **Mixed**.

**Double Mixed** (full bells).

**Single** (cup only), **Mixed**.  $\frac{1}{16}$  oz. 30c, pkts. 10c.

**CAMPANULA medium (Canterbury Bells).** Annual.

Like the biennial, but only available in the single, cup-only, type; bloom in 5 to 7 months from sowing, which may be made at any time.

**Liberty Bell**, deep blue.

**Angelus Bell**, deep rose-pink.

**Wedding Bell**, pure white.

**Mixed**. Pkts., 15c, 3 for 35c.



**Calendula Chrysantha**  
... Pkt. 10c



**Annual Cant-**  
**erbury Bells**

**CAMPANULA, Perennial Varieties.** Per.

Blue, white, bell-shaped flowers; sow October to March.

**Carpatica (Hare Bell)**, blue and white, 9 inches.

**Fragilis**, large light blue, trailing, 6 inches.

**Persicifolia (Peach Bell)**, mixed, 2-3 feet.

**Pyramidalis (Chimney Bell)**, mixed, 5-6 feet tall.

**Fusilla**, light blue, 4 inches; free-blooming.

**Rotundifolia** (Blue Bells of Scotland), blue, 1 foot. Pkts., 20c; 3 for 50c.

**CANARY BIRD VINE (*Tropaeolum canariense*). Vine.**

Light yellow, bird-like fringed flowers on rapid climber for shade, related to Nasturtiums; sow January to May. Germination period 10 days.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**CANDYTUFT**

White, pink, lavender, and red flower-heads on bushy plants for borders, beds, and cutting; 1 foot; sow November to May. Germination period 10 to 14 days.

**Umbellata varieties:**

**Pink, Lavender, Rose Cardinal, White, and Mixed.**  $\frac{1}{2}$ -oz., 35c; Pkts., 10c.

**Dwarf Mixed** (*Nana compacta*, 6 in.).  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**Hyacinth-flowered varieties:**

**Giant White** (a few large spikes), 1 foot.

**Miniature Gem**, white, 4 in.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**CANDYTUFT. Per. (See Iberis.)****CANNA. Per.**

Vivid pinks, yellows, oranges and reds, useful for foliage and flower mass effect; flower first year from seed, which soak; 3 feet; sow January to May. Germination period 2 weeks. **Crozy's Hybrids Mixed.** Pkt., 15c.



**Colorful  
and Quick  
Cardinal Climber**



**Do You Know  
Giant Hyacinth-flwd.  
Candytuft?**

**CARDINAL CLIMBER (*Ipomoea quamoclit hybrida*). Vine.**

Fiery-red tubular flowers, on rapid vine; sow February to May. Germination period 10 to 15 days. Pkt., 15c.

**CARNATION (*Dianthus Caryophyllus*). Per.**

Pink, rose, red, white, yellow;  $1\frac{1}{2}$  feet; sow Oct. to April. Germination period 10 days.

**Allwood's Hybrid Perpetual Mixture**, large flowers on long stems, in a wonderful range of picotees, flakes, stripes, smokes, and self-colors. Pkt., 35c. (See illustration page 7.)

**Chabaud's Giant Pink, Rose, Scarlet, Crimson, Yellow, White, and Mixed**, bloom in 6 months from seed. Pkts., 15c; 3 for 35c.

**Engelmann's Giant Strain**, huge flowers in a wide range of colors. Pkt., 35c.

**CASTOR OIL BEAN (*Ricinus*). Per. ris'-i-nus.**

Very rapid-growing foliage plant; sow January to April. Germination period 2 weeks. **Sanguineus** (6 feet), green, red-veined leaves, red stalks and fruit; **Zanzibariensis** (12 feet), green and bronze leaves. Oz., 30c; Pkts., 10c.

**CATANANCHE coerulea. Per. kat-a-nan'-ke.**

Lavender-blue, cornflower-like blooms, on long slender stems for borders and cutting; sow March to August. Pkt., 10c.





**Celosia, Cockscomb Type, and (right) Plumosa (Plumed) Type**



**CELOSIA (Cockscomb).** sell-oh'-si-a.

Crimson, rose, and yellow dense heads and plumes; sow March to May. Germination period 7 to 10 days.

**Cristata** (Cockscomb type): **Dwarf**, 1 foot **Crimson**; and **Tall**, 3 foot. **Mixed**.

**Plumosa** (Feathered type; 2½ feet): **Crimson**; **Yellow**; **Pride of Castle Gould Mixed**.

**Childsii** (Chinese Woolflower; 2 feet): **Mixed**. Pkts., 10c.

**CENTAUREA cyanus (Cornflower) (Bachelor's Button).** sen-for'-ree-a.

Blue, rose, red, and white flowers for beds and bouquets; sow November to May. Germination period 10 to 15 days.

**Double**, re-selected **Florist Strains** (3 feet):

**Blue Boy**, pure deep blue.

**Pinkie**, rose pink.

**Snow Man**, white.

**Red Boy**, ruby red.

**Mixed**. ½-oz., 35c; Pkts., 10c.

**Dwarf** bedding type (1 foot):

**Jubilee Gem**, deep blue. Very useful for both bedding and cutting. ⅛-oz., 30c; Pkt., 15c.

**CENTAUREA imperialis (Sweet Sultan).**

Pink, lavender, purple, white, and yellow fragrant flowers like large, soft thistles; 2½ feet; sow November to May. Germination period 2 weeks.

**Amaranth Red**, **Lavender**, **Pink**, **Yellow** (Suaveolens; not in mixture), and **Mixed**. ¼-oz., 30c; Pkts., 10c.

**CENTAUREA Americana (Basket Flower).**

Large feathery lilac flowers somewhat resembling an interwoven basket, on a handsome annual plant; 4 feet; sow October to May. Germination period 2 weeks. Pkt., 10c.



**Chinese Woolflower (Celosia Childsii)**



**Centaurea Americana, the "Basket Flower"**

**CERASTIUM Tomentosum (Snow in Summer).** Per. see-ras'-tee-um.

White flowers and silvery foliage for sunny edgings and rockery; 8 inches; sow January to June. ⅛-oz., 25c; Pkt., 10c.

**CHIERANTHUS Allioni (Siberian Wallflower).**

ky-ran'-thus.

Dazzling, bright orange or golden yellow flowers, produced freely from early spring to summer; 1 foot; sow September to March. Germination period 2 weeks. **Vivid Orange**; **Golden Bedder**, deep yellow. ¼-oz., 30c; Pkts., 10c.

**CHRYSANTHEMUM. Per.** (See also *Matricaria*, *Pyrethrum*, and *Shasta Daisy*), kris-an'-he-mum.

**Mawii**, large, rich pink flowers on low fern-foliaged bushes, for borders and rockery; 1 foot; sow any time. Pkt., 15c.

**Japonica, Double Mixed**, includes Standard and Pompon Japanese Chrysanthemums. Pkt., 25c.

**Korean Hybrids**, early-flowering, bushy type for garden decoration. Single and semi-double Mixed. Pkt., 25c.

**Cascade Type** of Japonica, for training on sticks at an angle of 45° and allowing to droop over pot or basket at flowering-time. **Mixed**. Pkt., 25c.

**CHRYSANTHEMUM, Annual**  
(Painted Daisies).

Yellow, white, pink, and red, large daisy cut-flowers; 2 feet; sow October to April. Germination period 10 to 18 days.

**Sultan**, copper-red with yellow zone.

**Gladstone**, purple with yellow zone.

**Northern Star**, white, yellow zone.

**Tricolor Mixed**.

**Nivelli (Annual Marguerite)**, free-blooming tall, long-stemmed yellow. ½-oz., 30c; Pkts., 10c.



"Painted Daisies",  
The Annual  
Chrysanthemum

**CINERARIA hybrida. sin-er-air'-i-a.**

Unusually rich colors in the showiest early spring bedding plant for shade, and pots; sow June to October. Germination period 8 to 10 days.

**Grandiflora Semi-Dwarf (16 inches): Light Azure Blue; Royal Blue; Old Rose; Scarlet.** Pkts., 25c.

**Campbell's California Giant Strain**, notable for immense flowers and pleasing colors. Pkt., 50c. (See illustration, page 69.)

**Cremer's Prize Strain**, semi-dwarf, with medium-sized flowers, but producing the largest heads of any type. Pkt., 50c.

**Howard & Smith's Prize Strain**, Mixed. Pkt., 50c.

**Multiflora Nana**, new dwarf (1 foot) type, with quantities of tiny flowers in all shades. Pkt., 25c.

**Polyantha Stellata**, many-star-flowered (2 to 3 feet). **Blue, Salmon, and Mixed.** Pkts., 25c.

**CLARKIA elegans. clark'-i-a.**

Pink rose, red, purple, and white double carnation-like flowers along spikes, beautiful in the garden or cut; 2 feet; sow November to April. Germination period 2 weeks.

**Albatross**, fine upright white.

**Apple Blossom**, delicate pink.

**Firebrand**, orange-scarlet.

**La France**, salmon pink. Pkts., 10c; 3 for 25c.

**All Colors Mixed.** ¼-oz., 30c; Pkt., 10c.

**CLEOME pungens (Giant Spider Plant). klee'-o-me.**

Rose-pink, or yellow, curious but very showy flowers, each with 6 long stamens, on spreading plant in bloom all summer; 4 feet; sow January to April. **Rose Queen; Lutea**, new golden yellow. Pkts., 15c.

**CLIANTHUS dampieri (Glory Pea). Per. kly-an'-thus.**

Red flowers with black spots, on gray-leaved plant; 2 feet; sow January to April. Requires good drainage at all times. Germination period 10 days, in warm, sandy soil. Pkt., 15c.

**COBOEA scandens (Cathedral Bells Vine). Vine.**  
ko-bee'-a.

Violet-blue, large, bell-shaped flowers on very rapid, deep-green-leaved vine, for sun or partial shade; sow seeds on edge, February to May. Germination period 3 weeks. ⅓-oz., 25c; Pkts., 10c.

**COCK'S COMB.** (See *Celosia*.)**COIX Lachrymae (Job's Tears).** koh'-ix.

Interesting grass-like plant, grown for its smooth, hard, tear-shaped seeds, often used for beads; sow February to May, nicking seeds. Germination period 2 weeks. Oz., 40c; Pkt., 10c.

**COLEUS.** Per. ko'-lee-us.

Ornamental foliage plant for pots or outdoors, with large, vari-colored, velvety leaves in partial or full shade; 1 to 2 feet; sow February to May. Germination period 10 to 15 days.

**COLLINSIA bicolor (Innocence).** kol-lin'-si-a.

Blue-and-white flowers in spikes; Calif. native, for sun and shade; 15 inches; sow November to April. Germination period 2 weeks. Oz., 50c;  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.

**COLUMBINE.** (See *Aquilegia*.)**CONEFLOWER.** (See *Echinacea* and *Rudbeckia*.)**CONVOLVULUS, Annual.** (See *Morning Glories*.)

**You'll Enjoy  
Cleome Lutea  
the New Spider Flower**



**The Popular  
Cathedral Bells  
Vine (Coboea)**

**CONVOLVULUS, Mauritanicus.** Per. kon-voll'-view-lus.

Lavender-blue, large flowers on trailing rockery perennial all spring and summer; 6 inches; sow July to November.  $\frac{1}{8}$ -oz., 35c; Pkt., 15c.

**CORAL BELLS.** (See *Heuchera*.)**CORNFLOWER.** (See *Centaurea cyanus*.)**CORNFLOWER ASTER.** (See *Stokesia*.)**COREOPSIS lanceolata grandiflora.** Per. ko-ree-op'-sis.

(See also under *Calliopsis Cosmidium* and *Leptosyne*.)

Chrome-yellow, large, glossy daisy flowers on long, graceful stems; 2 to 3 feet; seeds sown November to March bloom first season. Germination period 3 weeks.

**Auriculata**, yellow, small red center-zone.

**Mayfield Giant**, large-flowered single.

**Double Sunburst**, new large double yellow.  $\frac{1}{8}$ -oz., 30c; Pkts., 10c.

**CORN, Ornamental**

(**Squaw Corn**).

Vari-colored kernels and ears, useful for a Spanish effect in patio or sun-room, when dried and hung by their pulled-back husks; sow April to June. Lb., 75c;  $\frac{1}{4}$ -lb., 25c; oz., 10c.



**Strings of  
Gourds and  
Ornamental Corn**





**Free-Flowering  
Cosmidium**



**Sow Double Crested  
Cosmos**

**COSMIDIUM Burridgeanum.** kos-mid'-i-um.

Bronzy-orange with golden edge, daisy-flowers closely related to Coreopsis; 2 feet; sow March to June.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**COSMOS.** (See also Bidens.) koz'-mus.

Crimson, pink, and white daisy flowers for show and cut with light green, feathery foliage, thriving in poor or sandy soils; sow March to July. Germination period 10 to 14 days.

**Early sorts** (3 feet; bloom June-August):

**Sensation**, New, with huge pink, rose, and white flowers, on strong bushes in 10 weeks. **Pinkie**, rose-pink; **Purity**, white; **Mixed**.

**Early Double Crested Mixed.**

**Orange Flare**, new early-flowering form of the Late Klondyke Cosmos.

**Late sorts** (5 feet; bloom September and October):

**Single Pink**, **White**, **Crimson**, and **Mixed**.

**Double Crested Mixed.**

Pkts., 10c, except double sorts, 15c.

**CREPIS barbata (Hawkweed).** creep'-is.

Bright rose, semi-double, star-like daisies to cut or bed; 18 inches; sow January to May.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**CUPHEA Firefly.** kew'-fee-a.

Fiery rose-red flowers freely produced on compact bushes, for bedding or for pots; 10 inches; sow March to June. A distinct new flower for your garden or patio. Pkt., 15c.

**CYCLAMEN persicum giganteum.** Per. sy'-kla-men.

Salmon, pink, rose, red, lavender, white "shooting-star" flowers with beautiful foliage, for pots or outdoors in shade; 1 foot; sow any month but allow 18 months to flower; July to September best time for Christmas bloom. Germination period 3 to 4 weeks.

Choice Mixed, 1c per seed.

Giant-flowered strain: **Rose-pink**, **Salmon**, **White**, and **Mixed**. 4c per seed.

**CYNOGLOSSUM amabile (Chinese Forget-Me-Not).** sy-no-gloss'-um.

Pure blue and white, large forget-me-not-like flowers in sprays, good for cutting and bedding in sun; sow October to April. Germination period 10 days.

**Clear Blue** (2 feet).  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**Mixed**, new, includes white, and many shades of blue. Pkt., 15c.

**Firmament**, purest mid-blue, dwarf and bushy (15 inches).  $\frac{1}{8}$ -oz., 30c; Pkt., 15c.

**CYNOGLOSSUM linifolium (Omphaloides).**

White forget-me-not-like flowers, with silvery foliage, for ground-cover or border in winter and spring; 6 in., sow Oct. to March.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.

**CYPRESS VINE (Ipomoea auamoclit).** Vine.

Red and white star-shaped flowers on quick, twining vine with feathery foliage; sow February to May. Germination period 10 to 20 days. **Mixed**.  $\frac{1}{2}$ -oz., 35c; Pkt., 10c.



**Campbell's Prize  
Dahlia Type**



**Dainty, Rapid, Cypress Vine**

### **DAHLIA. Per.**

Great variety of colors and types blooming profusely and forming tubers the first season; sow February to May. Germination period 10 days.

**Campbell's Prize Mixed** (from Cactus and Decorative, improved named sorts only). Pkt., 25c.

**Unwin's Dwarf Hybrids** (1½ feet, early-flowering, semi-double). **Mixed.** Pkt., 25c.

**Collarette Mixed.** Large single flowers, with tuft of contrasting color about center. Pkt., 10c.

**Pompon Mixed.** Pkt., 15c.

**Coltness Hybrids Improved,** new and complete range of colors in this fine, single-flowered, dwarf compact (1 foot) bedding Dahlia. ¼-oz., 35c; Pkt., 15c.

### **DATURA (Angel's Trumpet). dah-toor'-a.**

White, yellow, and purple, large, showy trumpet flowers on handsome specimen plants, in bloom all summer; 3 feet; sow February to May. Germination period 2 to 3 weeks. **Double and Single**

**Mixed.** ¼-oz., 35c; Pkt., 10c.

### **DELPHINIUM Chinensis. (See also Larkspur.)**

Dwarf annual, with flowers very similar to perennial sorts, for low beds and edging 1 foot; sow December to April. Germination period 2 weeks.

**Blue Butterfly Improved,** ultramarine blue.

**Azure Fairy,** clear light blue. ⅛-oz., 30c; Pkts., 10c.



**New Dwarf Chinese Forget-me-not,  
Cynoglossum Firmament**

**DELPHINIUM. Per. dell-fin'-i-um.**

Splendid, stately border and bedding plant and cutting flower; sow July to November for bloom in spring, or December to March for bloom that summer. Germination period 2 to 3 weeks.

**Cultural Note:** Delphinium seed germinates best as soon as ripe. We supply New Crop seed exclusively, after July 15th each year, so that late summer and fall sowing is recommended. Chill seed 48 hours in refrigerator. When set out, deep soil, well-drained and enriched with old manure is best. Feed a balanced plant food like Vigoro. Delphiniums thrive in sun, yet prefer a cool climate.

**Cutflower varieties:**

**Cliveden Beauty** (Improved Belladonna), light blue.

**Bellamosum**, dark blue. Pkts., 15c.

**Large-flowered, tall, bedding varieties:**

**Campbell's XXX Hybrids**, with large flowers in all shades of blue and lavender-blue. Pkt., 15c.

**Cardinale**, native scarlet larkspur.

**Pacific Giants** (New), fully double, mildew-resistant strain, the finest obtainable:

**Galahad Series**, enormous clear white, individual flowers often 3 in. across.

**Lancelot Series**, pure lilac self, 2 in. flowers.

**Round Table Series**, originator's cross-pollinated seed, containing all the colors and shades ever obtained. (Pkt., 50c.)

**Summer Skies Series**, light blue, white bee.

**All Shades Mixed**. Pkts., 35c.



**Campbell's XXX Hybrids (left),  
and Pacific Giants Delphinium**

**DIANTHUS (Annual Pinks) (See also Sweet Wivelsfield.)**

Shades of red, pink, crimson and white; 1 foot; sow October to March. Germination period 5 to 10 days.

**Hedderwigi laciniatus (Japanese Pink) varieties:**

**Crimson Belle**, single crimson.

**Salmon Queen**, single salmon.

**Snowdrift**, double pure white.

**Splendens**, large deep red with white eye.

**Mixed**.  $\frac{1}{8}$ -oz., 35c; Pkts., 10c.

**Chinensis (Chinese Pink) varieties** (flowers smaller, in clusters like Sweet William):

**Double Mixed**. Pkt., 10c.



**Dianthus Cyclops****Showy Annual  
Dianthus Splendens****DIANTHUS (Perennial Pinks). Per. dy-an'-thus.**

Pink, rose, red, white; fragrant; sow October to March. Germination period 1 to 2 weeks.

**Plumarius (Clove Pink) varieties;** 1½ feet:

**Cyclops Mixed.** (Large-eyed single flowers in rich colors—the best ever-blooming Pink.)

**Semperflorens Double Mixed.** ⅛-oz., 35c; Pkts., 10c.

**Rock-Garden species:**

**Allwoodii Alpinus,** new, 4 to 6 inches, mixed colors. Pkt., 50c.

**Caesius (Cheddar Pink)** pink with tufty 3-inch foliage and 6-inch stems. Pkt., 10c.

**Deltoides (Maiden Pink),** rose, 8 inches. Pkt., 15c.

**Winteri,** striking new pinks in pure colors, compact habit, very fragrant large flowers. Pkt., 25c.

**Rock-Garden Rare Species Mixed,** including 25 kinds. Pkt., 25c.

**Loveliness,** large mauve flowers with lacerated petals and delicious fragrance. Pkt., 25c.

**Interesting, Fragrant Dianthus Loveliness**  
... Packet 25c**DIASCIA barbarae. dy-ass'-si-a.**

Pure, soft salmon-rose flowers, each with two spurs, for rockery or pots; 1 foot; sow March to May. Pkt., 15c.

**DICTAMNUS fraxinella (Gas Plant). dik-tam'-nus.**

Pink and white flowers, good for borders; foliage gives off a gas which may be ignited with a lighted match; 2½ feet; sow Feb. to Sept. Germination very slow and uneven. **Mixed.** ⅛-oz., 40c; Pkt., 15c.

**DIDISCUS coeruleus (Blue Lace Flower).**

Soft blue, tiny tubular flowers forming lacy heads on long stems for bouquets; 2½ feet; sow Feb. to June. Germination period 2 weeks. ¼-oz., 35c; Pkt., 10c.

**DIGITALIS (Foxglove). Bien. and Per. di-ji-tay'-lis.**

Pink, purple, white, large open-tubed flowers in tall, erect spikes; 4 feet; sow by April for certain flowers the following spring. Germination period 10 to 15 days.

**Biennial variety:**

**Giant Shirley Hybrids Mixed.** Pkt., 10c.

**Perennial varieties:**

**Hybrida Lutzii**, salmon shades.

**Isabellina**, buff and yellow. Pkts., 15c.

**DIMORPHOTHECA (African Daisy).**

dy-more-fo-thee'-ka.

Orange, yellow, salmon, and white, large daisy flowers, unusually brilliant for bedding in all seasons; 1 foot; sow any time. Germination period 10 to 20 days. **Aurantiaca**, orange; **Salmon Beauty**; **Golden West**, yellow; **Hybrids Mixed**. ¼-oz., 25c; Pkts., 10c. **Glistening White** (New, see Novelties, page 3. Pkt., 15c.)

**DIMORPHOTHECA. Per.**

**Ecklonis**. White, blue center, with mauve reverse, flowers 3 inches across; blooms through winter until summer; sow any time; 2 feet. Germination period 2 to 3 weeks. **Spectabilis**, similar to Ecklonis, except for color, a vivid pink with a shining black center. 1/16-oz., 40c; Pkts., 15c.

**DOLICHOS Lablab (Hyacinth Bean). Vine. doh'-li-kos.**

Rosy-purple pea flowers on quick vine, with showy purple pods; sow March to May. Germination period 10 days. Pkt., 10c.

**DOLLAR PLANT (See Lunaria.)****DUSTY MILLER (Centaurea sp.). Per.**

**Candidissima**, thick, silvery-white foliage, 10 inches; **Gymnocarpa**, grey foliage, 20 inches; sow January to May. Germination period 2 to 4 weeks. (See also Novelties, page 3.) Pkts., 10c.

**ECHINACEA purpurea hybrida. Per. ek-in-ace'-i-a.**

Deep rose, showy daisies with brown, conical centers, in profusion from spring until fall; 3 feet; sow March to July. Pkt., 15c.



**Echinops, the  
Blue Globe Thistle**

**ECHINOPS ritro (Globe Thistle).**

Per. ek'-i-nops.

Violet-blue, globular, prickly heads, striking in flower arrangements either fresh or dried; 5 feet; sow March to July. Pkt., 15c.

**ECHIUM Plantagineum,**

**Blue Bedder. ek'-i-um.**

Clear deep blue flowers, from pink buds; a striking new bedding plant, resistant to drought; 1 foot; sow March to June. ¼-oz., 35c; Pkt., 10c.

**ENGLISH DAISY. (See Bellis.)****ERIGERON (Midsummer Daisy). Per. e-rij'-er-on.**

Rosy-lavender, large, single daisies with many short, narrow petals; a close relative of perennial Asters; 2 feet; sow July to March. Germination period 2 weeks. **Speciosus Grandiflorus**. Pkts., 15c.

**ERYNGIUM Amethystinum (Sea Holly). Per.**

er-rin'-ji-um.

Amethyst blue, interesting prickly flower-heads; 5 feet! sow March to Sept. Pkt., 15c.

**ESCHSCHOLTZIA (California Poppy).** esh-sholt'-zi-a.

Orange, crimson, rose, yellow, and white, showy, glossy-petalled flowers for bedding, ground cover on vacant lots, and bouquets (cut the flowers early, before they open); 1 foot; sow November to June. Germination period 10 days.

**Aurantiaca**, orange (True native poppy). Lb., \$3.00; ¼-lb., 90c; oz., 30c; ½-oz., 20c.

**Ballet Girl**, carmine outside, cream inside.

**Cherry Ripe**, semi-double cherry red.

**Fringed Yellow**, buttercup-yellow.

**Golden West**, yellow with orange center. Oz., 30c; ½-oz., 20c.

**Lovely**, salmon rose.

**Scarlet Beauty**, best bright red, single.

**White**.

**Common Mixed** (orange, yellow, and white). Lb., \$2.50; oz., 25c; ½-oz., 15c.

**Hybrida Mixed** (all new and unusual shades). ½-lb., \$6.00; ¼-lb., \$3.50; oz., \$1.00; ¼-oz., 30c. Pkts. of all above 10c.

**Monarch Art Shades**, lovely semi-double mixture. (Illus. page 70.) Pkt. 15c.

**Sweetheart**, new shade, rich salmon-rose on cream, fully-double, plants dwarf and compact. Pkt., 15c.

**EUPATORIUM Fraseri.** Per. you-pa-toh'-ri-um.

White flower-heads resembling Ageratum, on good stems for cutting; 2 feet; sow March to Sept. Pkt., 15c.

**EUPHORBIA heterophylla (Annual Poinsettia).** you-for'-bi-a.

Showy orange-red bracts (as in the Perennial Poinsettia) make this an interesting summer and fall bedding annual; 3 feet; sow March to June. Germination period 10 days. ¼-oz., 35c; Pkt., 10c.

**EUPHORBIA variegata**

(Snow on the Mountain).

Ornamental foliage annual, with distinct white and green leaves, for beds or mixed bouquets; sow March to June. Germination period 2 to 3 weeks. ½-oz., 30c; Pkt., 10c.

**Euphorbia Heterophylla**  
"Annual Poinsettia"

**EXACUM affine.** eks'-a-cum.

Bright pure blue flowers with golden stamens; light green foliage, thick and wavy; a fragrant and charming pot plant flowering all summer from December to March sowings; 8 inches. Use two plants to a pot, and rich soil mixed with leaf-mold; give plenty of light and air. Pkt., 25c.

**FELICIA bergeriana (Kingfisher Daisy).** fe-liss'-i-a.

Sky-blue daisy-like flowers on low 6-inch free-flowering plants for edgings and rockery; an "annual Agathea"; sow February to June. Germination period 3 weeks. Pkt., 25c.



National  
**Eezy Wear**  
Garden Gloves

Have Every Feature You Want  
in a Garden Glove

**All-Leather—DIRT PROOF—Durable**  
**SOFT — Comfortable -- WASHABLE**

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair. postpaid (2 pr. \$1.40.)



**FEVERFEW.** (See *Matricaria capensis*.)

**FORGET-ME-NOT.** (See *Myosotis*.)

**FOUR O'CLOCK** (*Mirabilis*) (**Marvel of Peru**). **Per.**

Red, pink, white, yellow flowers opening in afternoon, on bushy plants; may be grown as annual; sow October to April. Germination period 2 weeks.

**Dwarf Mixed**, 1 foot.

**Tall Mixed**, 2½ feet. Oz., 35c; Pkts., 10c.

**FOXGLOVE.** (See *Digitalis*.)

**FREESIA.** **Per.** free'-zi-a.

White, lavender, pink, red, orange, and yellow shades, fragrant; 1 foot; sow July to October for bloom the first spring.

**Rainbow Hybrids**, large flowers, all colors.

**GAILLARDIA grandiflora.** **Per.** gay-lar'-di-a.

Red and yellow, very large daisies, blooming all summer and fall; 3 feet; sow September to April.

**Burgundy**, deep all-red.

**Chloe**, deep all-yellow.

**Dazzler**, yellow with maroon center.

**Goblin** (dwarf; 1 foot), yellow, red border.

**Portola Hybrids**, semi-double orange-and-red.

**Tangerine**, unusual new shade: copper-orange. Pkts., 15c and 25c.

**FLAG OF SPAIN VINE.** (See *Mina lobata*.)

**GAILLARDIA** (**Annual Blanket Flower**).

Red, yellow, and red-and-yellow large, profuse-blooming daisies; 2 feet; sow January to April. Germination period 2 to 3 weeks.

**Indian Chief**, Bronzy-red.

**Picta**, Single Mixed.

**Lorenziana**, Double Mixed, lovely. ½-oz., 40c; Pkts., 10c.

**GAURA lindheimeri.** gau'-ra.

White flowers, tinged pink, in spikes on strong, graceful plant from July to October; likes sun, stands drought; 3 feet; sow Feb. to May. Pkt., 10c.



Try the Brilliantly  
Showy "African Border Daisy,"  
New *Gazania Hybrids* . . . Packet 15c

**GAZANIA splendens hybrida grandiflora.** **Per.**

(**African Border Daisy**.) ga-zay'-ni-a.

Bronze, red, orange, yellow, cream, and white showy, long-stemmed daisy-flowers with brown or yellow spots about the centers, on low-foliaged edging or bedding plants; sow September to March for bloom first summer. **New Hybrids Mixed.** Pkt., 15c.

**GERANIUM Zonale.**

Brilliant orange, red, salmon, pink, and white single flowers in large heads on somewhat tender plant for bedding and pots; sow April to July. Germination period 30 to 40 days.

**Large-flowered Mixed.** Pkt., 25c.

**GERBERA Jamesoni (Transvaal Daisy). Per.**

ger'-ber-ra

Almost every conceivable shade except blue and purple is found in these long-stemmed, large-flowered African Daisies for beds and bouquets, requiring warm, well-drained soil; 2 feet; sow any time. Germination period 2 weeks. **New Giant Mixture.** Pkt., 25c. (See illustration, page 5.)

**GESNERIA robusta perfecta. gess-nee'-ri-a.**

Red, orange, and pink tubular flowers on a tender pot plant with attractive soft leaves, allied to Gloxinia (which see); 1½ feet; sow in greenhouse anytime. **Hybrids Mixed.** Pkt., 50c.

**GEUM. Per. jee'-um.**

Scarlet, yellow, and orange, semi-double rose-like flowers, on long stems in spring and summer, for beds and bouquets; 2 feet; sow October to March. Germination period 3 weeks.

**Mrs. Bradshaw,** scarlet-red.

**Lady Stratheden,** bright yellow. 1/16-oz., 40c; Pkts., 10c.

**Prince of Orange,** semi-double orange. Pkt., 25c.

**GILIA coronopifolia (Texas Plume). Bien.**

Vivid scarlet, tubular flowers all summer and fall, on tall, slender plants, with Cypress-like foliage; 3 feet; sow September to January for bloom the following summer. Pkt., 15c.

**Gilia liniflora**  
is One of the  
**Best California**  
**Wild-Flowers**  
for Cutting

**GILIA. jill'-i-a.**

Natives, easily and quickly grown; sow November to May. Germination period 10 days.

**Capitata** (Thimble Flower, 2 feet), with lavender-blue flowers in globular heads on long stems. Oz., 45c; Pkt., 10c.

**Tricolor** (Bird's Eyes, 1 foot), with lilac flowers spotted yellow and purple in center. Oz., 45c; Pkt., 10c.

**Micrantha** (Fairy Stars), with tiny flowers on neat 6-inch plants for ground-cover, rockery, or cut, for miniature bouquets, in a mixture of salmon, pink, copper, yellow, and cream. ¼-oz., 45c; Pkt., 10c.

**Liniflora;** Lavender or white, single, flax-like flowers on long stems for cutting; 15 inches. **White Swan,** pure white; **Bunch of Lilacs,** lavender-blue. **Mixed.** ¼-oz., 45c; Pkts., 10c.

**GLOBE AMARANTH (Gomphrena).**

Purplish-red, pink, white, and orange clover-like everlasting flowers; make showy beds; 1 foot; sow February to May. Germination period 2 weeks. **Purple-red; Orange; Mixed.** Pkts., 10c.

**GLOXINIA hybrida grandiflora. Per. (Sinningia.)**

Rich red, pink, blue, and white. huge velvety flowers best in pots in semi-shade; 1 foot; sow under glass anytime. Sowings made January to March will flower the same summer.

**Cultural Note:** Use compost of leaf-mold, peat, loam, and sharp sand, well-moistened but not wet. Sow on surface, and barely cover with fine, same mixture sifted over and pressed down. Water from below whenever surface shows any dryness. Keep shaded, and temperature even with a pane of glass. Gloxinia are best watered from below, to avoid rot at the leaf-axils, even when potted-off permanently.

**Campbell's Giant Mixture.** Pkt., 50c.

**GODETIA. go-dee'-she-a.**

Pink, rose, red, and white, large satiny flowers for showy beds in sun or partial shade, and bouquets (all the buds open in water); sow November to June. Germination period 2 weeks.

**Half-Dwarf** (1½ feet; flowers in clusters):

**Brilliant**, deep crimson.

**Duke of York**, rich scarlet, edged white.

**Kelvedon Glory**, salmon-apricot. (Illus. page 4.)

**Orange Glory**, new vivid salmon-orange (15c).

**Sybil Sherwood**, soft salmon-pink.

**Double Sybil Sherwood** (15c).

**White Swan**, large, pure white.

**Single Varieties Mixed.**

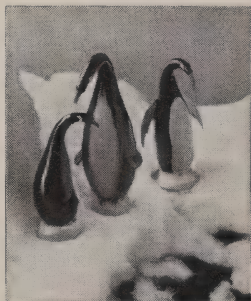
**Double Azalea-flowered Mixed.** ½-oz., \$1.00; ¼-oz., 35c; Pkts., 10c.

**Tall** (2½ feet; double flowers in spikes):

**Carmine Improved**, (See Novelties, page 3.)

**Rosy Morn**, bright pink.

**All Colors Mixed.** ¼-oz., 35c; Pkts., 10c.



**"Penguins" Made  
from Calabash Gourds**



**Duke of York,  
a Good Godetia**

**GOURDS**

Quick vines or trailers, with grotesque or ornamental fruits; sow April to June. Germination period 2 weeks.

**Cultural Note:** Sow in open, in warm, sandy soil.

Do not water after they begin to bloom, else flowers may drop. For perfect shaped specimens, train vines on fence or trellis. Do not pick fruits until individual stems are brown and fingernail will not dent shell. After picking hang in an airy, dry place to cure. Large, hard-shelled varieties are usually scrubbed and painted; small, colorful varieties wiped free of dust and given a light coating of varnish or shellac.

**Large-Fruited Varieties:**

**Bird's Nest**, hour-glass shape.

**Calabash, or Penguin Gourd.**

**Cave Man's Club**, medium-sized, knobby, stays dark green. (Pkt., 15c.)

**Dipper**, used for dippers.

**Dish Cloth or Bath Sponge.**

**Giant Bottle or Chinese Water Jug.**

**Hercules Club**, club-shaped, 2½ feet long.

**Longissima**, slender, 4-6 feet long; edible.

**Turk's Turban**, large striped squash.

**Large Sorts Mixed.** Oz., 35c; ½-oz., 20c; Pkts., 10c.





**Growing Your Own  
Gourds is Fascinating**

... These Are a Few of the Small Sorts

**Small-Fruited Varieties:**

**Apple, Shaped**, striped.

**Bottle**, miniature variety.

**Crown of Thorns**, finger-like projections. (Pkt., 15c.)

**Egg Shaped**, white, fools hens.

**Flat**, round, flat, striped green-and-white.

**Hand Grenade or Horned Cucumber**. (Pkt., 15c.)

**Orange**, color and shape right.

**Pear Shaped**, mixed colors.

**Spoon**, ball-shaped, long slender neck.

**Turk's Cap**, scarlet top, white bottom.

**Warted** varieties mixed.

**Small Sorts Mixed**. Oz., 45c; ½-oz., 25c; Pkts., 10c.

**GRASSES, Ornamental.**

Decorative and interesting seed-heads as well as foliage, for mixed bouquets or to use with everlasting; 1 to 2 feet; sow February to May.

**Many Varieties Mixed**. ¼-oz., 30c; Pkt., 10c.

**GYPSOPHILA elegans (Baby's Breath)**. jip-sof'-fill-a.

White, pink, or red, dainty flowers in airy clusters for mixing in bouquets; 2 feet; sow October to May. Germination period 10 to 14 days. **Grandiflora Alba**, white; **Pink**; **Crimson**. Oz., 35c; ½-oz., 20c; Pkts., 10c.

**GYPSOPHILA paniculata. Per.**

Double, tinier flowers than the annual, ideal for bouquets and mixing, all summer and fall on large, bushy plants; 3 feet; sow October to May. Germination period 2 weeks. **Double Snow White**; **Pacific**, pale pink, blooms earlier. Pkts., 25c.

**HELENIUM autumnale (Sneezewort). Per.**

hell-lee'-ni-um.

Golden yellow, single daisy flowers with crimson zone and dark globular centers in Fall; 4 feet; sow November to March. Germination period 10 to 20 days. Riverton Gem. Pkt., 15c.

**HELIANTHEMUM mutabile (Rock Rose). Per.**

hee-li-an'-the-mum.

Rose, turning lilac, then white, single-rose-like flowers on evergreen rockery plant; 8 to 12 inches; sow February to May.  $\frac{1}{8}$ -oz., 35c; Pkt., 10c.

**HELIANTHUS (Sunflower). Hee-li-an'-thus.**

Yellow, orange, bronze-red, large daisy flowers, showy for backgrounds; sow December to April. Germination period 10 to 14 days.

**Russian** (10 feet), gigantic single, with edible seeds. Oz., 15c; Pkt., 10c.

**Maroon Prince**, large red, 4 feet. Pkt., 10c.

**Miniature** (5 feet), small golden yellow. Oz., 35c; Pkt., 10c.

**Sun Gold**, new, Improved Chrysanthemum-flowered (4 feet), large, fully-double golden flowers.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**HELIANTHUS angustifolius (Autumn Glory). Per.**

Golden yellow masses of bloom in Fall, from clusters of daisy flowers, with small dark centers; 5 to 7 feet; sow December to March. Pkt., 15c.



**Sun Gold, New  
Double Sunflower**



**Helichrysum,  
the Best Everlasting**

**HELICHRYSUM (Strawflower). Hell-i-cry'-sum.**

Yellows, pinks, reds and white, large, very double everlastings, showy in beds and backgrounds; 3 feet; sow October to May. Germination period 2 weeks. **All Colors Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**HELIOPHILA linearifolia (Cape Cress).**

hee-lee-o-fy'la.

Bright deep blue, white-centered flowers in spikes with wiry stems, foliage grass-like, for pots and borders; 1 foot; sow October to May. Pkt., 25c.

**HELIOTROPE. Per.**

Blue and purple shades, in fragrant clusters, easily grown; 2 to 6 feet; sow February to May for bloom first year. Germination period 3 weeks.

**King of the Blacks**, deep purple.

**Madame Lederle**, deep blue.

**Mammoth Mixed.** Pkts., 15c.

**HERBS (See page 68).****HESPERIS matronalis (Sweet Rocket). Per.**

hess'-per-is.

Purple and white single stock-flowers, fragrant in evening; 3 feet; sow anytime. Germination period 18 days. **Mixed.** Pkt., 10c.

**HETEROPAPPUS (Blue Daisy). het-er-oh-pap'-pus.**

Lavender-blue daisy-flowers in Fall; 2 feet; sow February to May. Pkt., 15c.

**HEUCHERA (Coral Bells).** Per hew'-ker-a.

Pink, rose, and red, tiny bell-like flowers in clusters, with attractive low foliage, for rockeries and borders in sun or partial shade; 1½ to 2 feet; sow July to March. **Brizoides**, rose-pink. **San-guinea**, coral-red. **Hybrids**, shades from pink to crimson. Large Pkts., 35c; Small Pkts., 15c.

**HIBISCUS (Mallow Marvels).** Per. hy-bis'-kus.

Pink, red, white, large flowers, 6 inches across; the true herbaceous Hibiscus, quite hardy anywhere; 4 feet; sow Feb-4 feet; sow February to May for bloom first season. Germination period 2 to 4 weeks. **Mixed**. Pkt., 10c.

**HOLLYHOCK.** Per.

Pink, salmon, red, and yellow shades, in stately spikes ideal for backgrounds; 5 to 6 feet; sow February to August. Germination period 3 weeks.

**Chater's Double Newport**  
Pink, Rose, Salmon, Crimson, Chamois, Yellow, **Mixed**.  
Pkts., 15c;  
3 for 35c.

**Sure to Bloom... the New Annual Hollyhock, Indian Spring**

**Indian Spring** (New), rose-pink shades; semi-double. Blooms in 6 months, so may be grown as an annual. Pkt., 15c.

**Single Mixed**. Pkts., 10c.

**HONESTY.** (See Lunaria.)**HONEYSUCKLE, French (Hedysarum coronarium).** Per.

Small red, fragrant flowers on bushy plant for bedding; 2 feet; sow March to July. Pkt., 10c.

**HUMULUS japonicus variegata. (Japanese Hop).** Vine. hew'-mew-lus.

Rapid climber, with dense green, variegated white foliage untroubled by heat, drought or insects; sow March to May. Germination period 30 to 40 days. ¼-oz., 30c; Pkt., 10c.

**HUNNEMANNIA fumariaefolia (Mexican Tulip Poppy).**

Per. hun-nee-man'-i-a.

Bright yellow, cup-shaped flowers, 3 inches across on long stems, keeping well when cut; 2 feet; sow November to April. Germination period 2 weeks.

**Sunlite**, improved type. ⅛-oz., 35c; Pkt., 15c.

**HYACINTH BEAN.** (See Dolichos.)**IBERIS Gibraltarica (Perennial Candytuft).** Per.

eye-beer'-is.

Lilac, turning white, small flowers in clusters on spreading, sunny rockery perennial in spring; 8 inches; sow January to June. ⅛-oz., 25c; Pkt., 10c.



**IMPATIENS Holsti (Zanzibar Balsam).** im-pay'-ti-enz.

Rich pinks, reds, and purples, rapid-growing and long-blooming, for pots and half-shady outdoor beds; 1½ feet; sow March to June. Germination period 15 days.

**Hybrids Mixed.** Large Pkt., 35c; Small Pkt., 15c.

**IPOMOEA.** (See Morning Glories.)**JERUSALEM CHERRY.** (See Solanum.)**JOB'S TEARS.** (See Coix Lachrymae.)**JOHNNY-JUMP-UP.** (See under Viola.)**JAPANESE HOP.** (See Humulus.)**KALE, Ornamental.** (See Cabbage, Flowering.)**KENILWORTH IVY (Linaria Cymbalaria).** Per.

Dainty trailer, for shade with tiny lilac, orange-lipped flowers; sow January to May. Pkt., 10c.

**KOCHIA Childsii.** koh'-ki-a.

(Summer Cypress).

Bright green, feathery foliage, forming compact bushes quickly, that turn fiery red in Fall; 2 to 4 feet; sow January to June. Germination period 10 days. Oz., 35c; Pkt., 10c.



"Fire-Bush" or  
Kochia

**KUDZU VINE (Pueraria**

**Thunbergiana).** Per. Vine.

Very rapid, vigorous shade vine, with light purple, fragrant, Wisteria-like flowers; nick seed-coat before sowing; sow February to May. Germination period 25 to 50 days. ¼-oz., 25c; Pkt., 10c.

**LANTANA.** Per.

Red, pink, lavender, orange, and yellow flowers in verbena-like clusters; bloom the first year from seed and form shrubs; sow January to May: **Dwarf Hybrids**, 1 to 2 feet.

**Tall**, 3 to 5 feet. ¼-oz., 45c; pkts., 10c.

**LATHYRUS latifolius (Perennial Sweet Pea).** Per. Vine.

Lath'-i-russ.

Red, pink, and white sweet-pea flowers (not fragrant) in clusters, on vine best as trailer and ground-cover; sow November to May. Germination period 3 weeks. **Pink Beauty; White Pearl; Red; Mixed.** ¼-oz., 35c; Pkts., 10c.

**LARKSPUR (Annual Delphinium).**

Pink, red, blue, lilac, and white, ideal bedding and cutting flowers; 3 to 5 feet; sow August to March. Germination period 4 to 8 weeks.

**Cultural Note:** Larkspurs are cool weather plants, and are best sown in the fall, where they are to remain. In cold climates, November sowing is ideal, since a winter chilling aids good germination in early spring.

**Giant Imperial** (tall, upright type, branching at the base to yield long stems for cutting):

**Blue Bell**, clear azure blue.

**Blue Spire**, rich deep blue.

**Carmine King**, rose-red.

**Coral King**, new deep coral-pink.

**Pink Perfection**, (New), best pure pink (15c).

**Miss California**, salmon-pink.

**Lilac Spire**, deep lavender.

**White King**, new erect pure white.

**Giant Imperial Mixed.** Oz., \$1.00; ¼-oz., 30c; Pkts., 10c. (5 for 40c.)

**Stock-flowered** (3 to 4 feet; branches along stalk, so stems shorter):

**Mixed.** Oz., 60c; ½-oz., 35c; Pkts., 10c.

**Giant Hyacinth-flowered or Wrexham type** (heavy central spike of extra-large flowers):

**Dark Blue; Pure Pink; White; Mixed.** ¼-oz., 45c; Pkts., 10c.

**LAVATERA splendens (Annual Mallow).** la-va-tee'-ra.

Rose-pink, large flowers on bushy plant for show and cut; 2½ feet; sow November to March. Germ. period 2 to 5 weeks.

**Rosea**, best rose. ¼-oz., 30c; Pkt., 10c.

**LAVATERA assurgentiflora (Calif. Windbreak).** Per.

Rose-pink flowers on fast-growing shrub-like perennial; evergreen in mild climates; kills out in severe; 10 feet; sow March to July. Germination period 3 to 5 weeks. ½-oz., 35c; Pkt., 10c.

**LAVENDER (Lavandula vera).** Per. la-van'-dew-la.

Small lavender flowers, delightfully fragrant; a favorite for drying; 2 feet; sow December to March. Germination period 30 days.

**Munstead Strain**, dwarf (1 foot), deep lavender. Pkt., 15c.

**True English** (2 feet). ¼-oz., 35c; Pkt., 10c.

**LAYIA elegans (Tidy Tips).** lay'-i-a.

Yellow daisy, petals edged with creamy-white, for quick spring show and cutting; one of the finest California natives; 1½ feet; sow October to April. Pkt., 10c.

**LEMON VERBENA (Aloysia citriodora).** Per.

Fragrant-leaved, hardy shrub; 6 to 10 feet; sow February to May. Pkt., 15c.

**LEPTOSIPHON.** (See *Gilia micrantha* and *liniflora*.)**LEPTOSYNE maritima (Sea Dahlia).** Per.

Yellow flowers fine for cutting; native perennial blooming in 90 days; 2 feet; sow November to June. Germination period 2 weeks. Pkt., 10c.



**Campbell's Giant Imperial Larkspur**  
Yields Extra-Long Stately Spikes . . . Pkts. 10c



**Native Coreopsis  
or Leptosyne**



**Double Leptosyne,  
Golden Rosette**

### **LEPTOSYNE Stillmanni (Wild Coreopsis).**

Yellow daisy-flowers for cutting, six weeks after sowing; California wildflower;  $1\frac{1}{2}$  feet; sow November to July. Germination period 10 days.

**Single.**  $\frac{1}{4}$ -oz., 45c; Pkt., 10c.

**Double, Golden Rosette,** large yellow. Pkt. 15c.

### **LIATRIS pycnostachya (Kansas Gayfeather). Per. ly-ate'-ris.**

Strikingly showy tall, feathery spikes of rosy-purple in midsummer; 5 feet; sow March to August. Germination period 3 to 5 weeks. Pkt., 15c.

### **LILIES, True (Lilium Species). Per. lil'-i-um.**

**Sow** in pots, flats, or ground-beds, in a lath-house, a shaded greenhouse, or a lath-shaded cold-frame, using plenty of sand and leaf-mold in the soil. Top growth seldom appears until roots have become well developed. The quicker-germinating species, marked with an asterisk (\*) in the list below, should be sown from March to June, about  $\frac{1}{4}$ -inch deep (top growth appears in 3 to 8 weeks). The slower sorts require a period of warmth followed by a period of cold before top growth will appear, and are thus best sown from July to September for germination the following spring. Cover about  $\frac{1}{2}$ -inch. After germination a light mulch of peat moss will assist in keeping the soil surface evenly moist. Most lilies will thrive in partial shade in a lime-free soil enriched with leaf-mold, kept moist but with really good drainage.

**\*Amabile**, recurved red petals, spotted black; 2 feet; blooms June. Pkt., 25c.

**Auratum var. platyphyllum** (Gold-Banded Lily), outspread white petals, each striped with a yellow band and spotted with crimson; fragrant; 4 to 7 feet; blooms Aug.-Sept. Pkt., 25c.

**\*Candidum (Madonna Lily)**, waxy, pure white, trumpets in June; 4 feet. Pkt., 25c.

**Columbianum var. Ingrami, (Oregon Lily)**, recurved golden-orange petals spotted purple; 5-7 feet; bloom June-July. Pkt., 25c.

**\*Concolor** (Star Lily), rock-garden var., with narrow, outspread orange-scarlet petals;  $1\frac{1}{2}$  feet; June-July. Pkt., 15c.

**Croceum** (Cottage Garden or Orange Lily), brilliant pure orange upright flowers; 3-6 feet; bloom June-July. Pkt., 25c.

**\*Formosanum** (Fall Regal Lily), white trumpets shaded externally with violet; fragrant; 4-6 feet; bloom Sept.-Oct. (first season if sown early). Pkt., 15c.

**Giganteum Himalaicum** (Giant Lily), the tallest and most imposing of all lilies; well-grown specimens reach 12 feet, with 25 to 30 immense white trumpets, purple-spotted inside, in August; prefers sheltered, shady woodland. Pkt., 25c.

**\*Henryi** ("Orange Speciosum"), recurved golden yellow petals, spotted brown; one of the hardiest, and best for cutting; 5-8 feet; bloom Aug.-Sept. Pkt., 15c.

**Humboldtii var. Magnificum** (California Lily), recurved golden orange petals, dotted maroon; striking in flower and foliage, which is



dark green, in whorls or tiers on stem; when set out prefer sun, a groundcover, and perfect drainage; 5 feet; bloom July. Pkt., 25c.

**Japonicum**, best true pink lily, with fragrant trumpets in varying shades of pink; 3 feet; bloom June. Pkt., 25c.

\***Longiflorum Praecox White Queen** (Easter Lily), large, long, pure white trumpets; this is an improved form, taller than the type, and fine for cutting and garden show, as well as Easter forcing; 4 feet; blooms June-July from seed sown previous spring. Pkt., 35c.

**Martagon** (Turk's Cap Lily), recurved waxy light purple petals, spotted deeper purple, numerous on tall spikes; 4-6 feet; bloom June-July. Pkt., 25c.

**Pardalinum Giganteum** (Sunset Lily), recurved long petals, deep red spotted purple, with golden center; magnificent species, very robust and hardy; 5-7 feet; bloom July. Pkt., 25c.

**Parryi** (Lemon Lily), lemon-yellow, spotted brown, tubular flowers with recurved petal-tips; fragrant; 4 feet; blooms July. Pkt., 25c.

\***Regale** (Regal Lily), the most popular lily in America, with large golden-throated white, open trumpets tinted pink externally; very fragrant; easily forced in pots or grown outdoors; 4 feet; bloom June-July. Pkt., 15c.

**Shuksan**, the best of the late Dr. David Griffith's hybrids, recurved rich orange, dotted black, petals; vigorous and handsome with many flowers in bloom at once; 4-5 feet; bloom July. Pkt., 25c.

**Superbum** (American Turk's Cap, Nodding Lily, Wild Tiger Lily), orange yellow, spotted brown, pendulous flowers with reflexed petals; 5-7 feet; bloom July-August. Pkt., 25c.

**Speciosum Rubrum** (Japanese Lily), large open white flowers flushed and spotted with deep rose; one of the most beautiful and popular of all lilies; 4-6 feet; blooms August-Sept. Pkt., 25c.

\***Tenuifolium** (Siberian Coral Lily), the most popular dwarf lily for the garden and rockery; 10 to 20 dainty bright scarlet, nodding reflexed flowers to a spike; 18 in., May-June. Pkt., 15c.

\***Tenuifolium Golden Gleam**, lovely new bright yellow form of the above. Pkt., 25c.

**Washingtonianum** (Mt. Hood Lily), tubular white flowers, dotted purple in the throat, the petal-tips opening wide and star-like; fragrant; 3-6 feet; bloom June-July. Pkt., 25c.

\***Willmottiae**, recurved orange-red petals; grass-like foliage; one of the hardiest and most dependable species; 4-5 feet; bloom July. Pkt., 25c.



Dependable and Beautiful  
Regal Lilies . . . Packets 15c

**LIMNANTHES Douglasi (Meadow Foam).****Lim-nan'-theez.**

White-and-yellow, fragrant flowers, effective in beds or edgings, in moist partial shade; native; 6 inches; sow November to April.  $\frac{1}{8}$ -oz., 30c; Pkt., 10c.



**Lobelia, Cambridge Blue, and (Left) Fairy Bridesmaid Dwarf Linaria**

**LINARIA (Toad Flax) (Baby Snapdragon). ly-nay'-ri-a.**

Lavender, purple, pink, chamois, yellow, red, etc., miniature snapdragon-flowers, unusually fine for beds, ground covers, or mixed bouquets, in winter and spring; sow October to May.

**Maroccana Hybrids (15 inches):****Alba Pearl**, pure white.**Diadem**, large violet, white eye.**Golden Gem**, deep yellow.**Ruby King**, rich deep red. Pkts., 10c.**Hybrid Mixture**. Oz., \$1.00  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.**Dwarf Compact type (8 inches):****Fairy Bouquet**, new, bushy type, with large flowers in pastel shades.  $\frac{1}{2}$ -oz., \$1.10;  $\frac{1}{8}$ -oz., 35c; Pkt., 10c.**Fairy Bridesmaid**, New lemon yellow. Pkt., 15c.**LINARIA. Per. (See also Kenilworth Ivy.)**

Pale yellow, or soft pink, snapdragon-like flowers, larger than in annual type; sow July to February, Dalmatica Macedonica, yellow (3 feet). Canon Went, new pink for edging, with beautiful smooth grey foliage (2 feet). Pkts., 10c.

**LINUM. Per. ly'-num.**

Sky-blue or yellow flowers, profusely produced in spring and summer; blooms in 4 months;  $2\frac{1}{2}$  feet; sow January to May. Germination period 3 to 4 weeks.

**Flavum**, showy clear yellow.**Perenne**, light blue. ( $\frac{1}{2}$ -oz., 25c.)**Narbonense**, deep azure blue, compact. Pkts., 10c.**LINUM grandiflorum rubrum (Scarlet Flax).**

Bright scarlet flowers, on slender graceful plant, in all seasons; particularly useful in winter;  $1\frac{1}{2}$  to  $2\frac{1}{2}$  feet; sow any month. Germination period 2 weeks. Oz., 40c; Pkt., 10c.

**LOBELIA cardinalis (Cardinal Flower). Per.**

Fiery scarlet flowers in erect spikes with bronzy-green foliage; 2 feet; sow Jan. to March. Pkt., 15c.

**LOBELIA erinus compacta. loh-bee'-li-a.**

Blue bedding and edging plants; 4 inches; sow January to May. Germ. period 10 to 15 days.

**Cambridge Blue**, fine light blue. (Pkt., 15c.)**Crystal Palace**, dark blue, bronzy foliage.**Emperor William**, bright-blue, green foliage.**Mrs. Clibran**, clear deep blue, white eye. (Pkt., 15c.)**White Lady**, pure white. Pkts., 10c.**LUNARIA (Honesty) (Money Plant). loo-nay'-ri-a.**

Round, flat, silvery transparent seed-pods, to dry for winter decoration; 2 feet; sow October to May. Germination period 2 to 3 weeks.  $\frac{1}{4}$ -oz., 35c; Pkt., 10c.

**LUPINUS (Lupine).** loo-pine'-us.

Blue, pink, and white pea-flowers in clusters, for beds and bouquets; native; sow December to April. Germination period 10 days.

**Dwarf varieties** (1 foot):

**Nanus**, California native, deep blue.

**Texensis** (Texas Blue Bonnet), clear blue. Oz., 35c; Pkts., 10c.

**Tall varieties** (3 feet):

**Hartwegi Giant King** type, large flowers and spikes, in shades of blue, and white. **Deep Blue. Mixed.** Oz., 75c; ¼-oz., 25c; Pkt., 15c.

**LUPINUS Polyphyllus (Russell Lupins).** Per.

Blues, pinks, salmon, cream, red, lavender, purple, and combinations of these and other shades; with stately spikes and luxuriant foliage in partial shade; 3 feet; sow August to March for bloom first season, nicking seeds with sharp knife. Germination period 7 to 20 days. Pkts., 15c and 25c.

**LYCHNIS Chalcedonica.** Per. lick'-nis.

Vivid scarlet flower-cluster, above low foliage; 2 feet; sow January to May. Germination period 3 to 4 weeks. Pkt., 10c.

**MALLOW MARVELS** (See Hibiscus.)**MARGUERITE, Annual.** (See Chrysanthemum Nivelli.)**MARIGOLD (Tagetes).** tay-gee'-teez.

Orange, yellow, brown, striped, spotted; splendid for summer and fall bedding and cutting; sow January to July. Germination period 5 to 10 days.

**Cultural Note:** The African Marigolds are heavy feeders, and thrive in rich soil, well-watered. The French Marigolds are, however, very light feeders, and bloom best, kept on the dry side, in unfertilized soil.

**African** (tall double fistulosa; 2½ feet):

**Orange Prince All-Double.**

**Lemon Queen All-Double.**

**Mixed** (above 2 var.).

**Carnation Type:**

**Guinea-Gold**, loose-petalled orange.

**Yellow Supreme**, loose-petalled yellow.

**Gigantea, Sunset Giants**, New giant-flowered type. **Orange Sunset**, deep orange. **Mixed.**

**Burpee Gold**, improved odorless-foliaged Marigold, bright orange similar to Guinea Gold. All above, ¼-oz., 50c; Pkts., 10c.

**Pot O'Gold** (New Dwarf Gigantea-flowered). See Novelties, page 4.

**Red-and-Gold Hybrids**, combine the size and vigor of the African with the rich red colors of the French. Pkt., 15c.

**Wildfire**, new singles. See Novelties, page 5.



**Gay Ferdinand**  
**French Marigold**



**Lychnis Chalcedonica**

**Chrysanthemum-flowered** (new type, with compact head of small incurved petals):

**Early Sunshine**, bright lemon-yellow.

**Limelight**, new soft lime-yellow.

**Hybrids Mixed**, all shades of orange and yellow. ½-oz., 40c; Pkts., 10c.

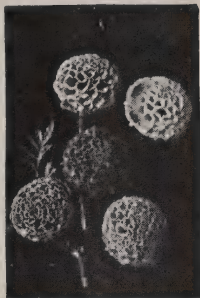
**Goldsmith** (New), soft golden-orange. See Novelties, page 3.

**Marigold**, continued next page.





**Dwarf Matricaria  
Double "Snowball"**



**Monarch Strain of  
French Marigolds**

**MARIGOLD, continued**

**French** (tall sorts, 3 feet):

**Ferdinand**, new single, gold-tuft center flanked red-brown.

**Double Mixed**, all colors.

**French** (dwarf sorts, 10 inches):

**Robert Biest**, double deep maroon.

**Harmony**, deep orange with maroon collar of broad petals; very even habit.

**Harmony Hybrids** (Illus. page 6), showy combinations of gold, yellow, and maroon.

**Spotlight**, New red, yellow center.

**Yellow Pygmy**, new soft lemon-yellow, very dwarf and compact; splendid summer edging.

**Royal Scot All-double**, golden yellow striped maroon, of very even habit.

**Monarch Strain**, large rich-colored mixture. ¼-oz., 50c; Pkts., 10c.

**Scarlet Glow (New)**. See Novelties, page 4.

**Spry (New)**. See Novelties, page 5.

**Tagetes signata pumila**, bright yellow, tiny single flowers in great profusion on compact bushes for edgings; 8 inches. Pkt., 10c.



**Birds? No, Just Seed-Pods of Martynia . . . Pkt. 15c**

**MARTYNIA proboscidea (Unicorn Plant). mar-tin'-i-a.**

Buff-yellow and red-violet pentstemon-like flowers, and soft large leaves. Unusually interesting seed-pods, each with a long curved horn which splits into two parts as it ripens and hardens. Attractively painted, they resemble birds. Sow April to June in full sun. ¼-oz., 35c; Pkt., 15c.

**MATRICARIA (Feverfew). Per. mat-ri-cay'-ri-a.**

White or yellow, double flowers in clusters, for beds, borders, or cutting, all summer and fall; sow December to April. Germ. period 10 to 15 days.

**Capensis** (Feverfew), semi-double white; 2 feet.

**Eximia**, fully-double type; 1 foot:

**Golden Ball**, golden yellow.

**Snowball**, pure white, 1/16 oz., 30c; Pkts., 10c.

**MATTHIOLA bicornis (Evening-scented Stock).**

ma-thy'-o-la.

Mauve, small, single flowers, valued for their evening fragrance; 2 feet; sow January to July. Try them broadcast in a sunny corner near your outdoor living-room. Pkt., 10c.

**MESEMBRYANTHEMUM criniflorum (Annual Ice Plant).**

Pink, rose, lavender, white, cream, and yellow large daisy-flowers, on low plants for sunny rockeries and edgings in poor soil; 1 foot; sow February to April. Germination period 2 weeks. **New Hybrid Mixture.** Large Pkt., 35c; Small Pkt., 15c.

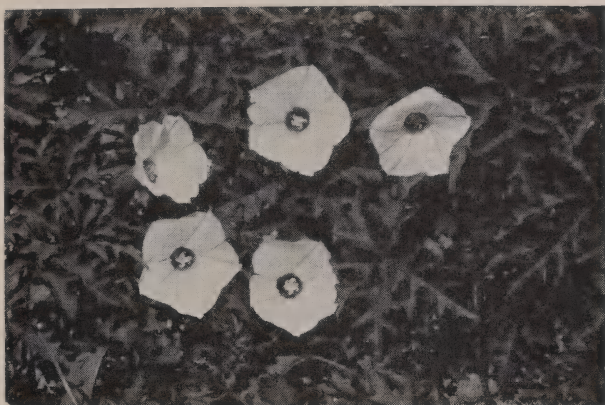
**MEXICAN FLAME FLOWER (See Tigridia).****MEXICAN POPPY (See Hunnemannia).****MEXICAN ZINNIA (See Zinnia Haageana).****MIGNONETTE (Reseda odorata).** re-zee'-da.

Deliciously fragrant small flowers in spikes; 1 foot; sow any month. Germination period 2 weeks.

**Goliath Red**, large red spikes.

**White Goliath.**  $\frac{1}{4}$ -oz., 50c; Pkts., 10c.

**Sweet Mignonette**, the old-fashioned favorite. Oz., 35c; Pkt., 10c.



**Mile-a-Minute Vine for Quick Shade . . . Pkt. 15c**

**MILE-A-MINUTE VINE (Ipomoea dissecta).** Vine.

Creamy-white, wine-red-centered, medium-sized flowers open all afternoon on fast-growing vine with lovely lacy foliage; notch seeds or soak overnight; sow April to June. Pkt., 15c.

**MIMOSA pudica (Sensitive Plant).** my-moh'-sa.

Pinkish-white flowers; named for the peculiarly-acting leaves, which close and droop for a time when touched; 1 foot; sow January to May. Germination period 10 to 15 days. Pkt., 10c.

**MIMULUS.** mim'-you-lus.

**Moschatus (Musk Plant)**, small yellow flowers on scented bushy plant in shade or pots.

**Tigrinus (Monkey Flower)**, white, yellow, orange, copper and red, showy spotted flowers for partial shade; 10 inches; sow March to June. Germination period 5 to 10 days. **Queen's Prize Mixed.** Pkts., 15c.

**MINA LOBATA (Flag of Spain).** Vine.

Red, changing to yellow, tubular flowers in clusters on rapid vine, with beautiful lobed leaves; sow February to May; notch seed, or soak, for surer germination (period is 2 weeks). Pkt., 15c.

**MONARDA didyma (Bergamot).** Per. mo-nar'-da.

Brilliant scarlet bracts; good for bees and massing;  $2\frac{1}{2}$  feet; sow January to May. Pkt., 15c.

**MOON VINE (Ipomoea noctiflora).** Per. Vine.

Pure white, large flowers open at night, on rapid climber; sow February to April, notching the seeds or soaking 24 hours. Germination period 40 to 60 days. **White Moonflower** (grandiflora alba), open at night and early morning. Pkt., 15c.

**Bush Morning Glory****Effective Red-and-White Morning Glory, Cornell**

**MORNING GLORIES. Vines.** (See also Cardinal Climber, Cypress Vine, and Mile-a-Minute Vine.)

Rapid, very showy annual vines; sow February to June, soaking seeds 24 hours. Germination period 10 to 21 days. For best bloom, never fertilize, and water very sparingly.

**Convolvulus species:** Major Blue; Major Mixed. Oz., 25c; Pkts., 10c.

**Ipomoea species:**

**Heavenly Blue**, Clarke's Early-flowering, sky-blue, 4-inch flowers, with yellow throat.

**Imperialis, Japanese Imported Hybrids Mixed**, very large, unusual colorings.

**Scarlett O'Hara**, new deep rosy-crimson.

**Cornell**, deep red, strikingly margined with white.

**Rose Marie**, double deep rose flowers, produced early and freely.

All above, ¼-oz., 35c; Pkts., 15c.

**MORNING GLORY, Bush. (Convolvulus tricolor).**

Bright blue flowers, with white centers and golden throats, on dwarf, bushy plants (not a vine); 1 foot; sow March to June. Soak seeds before planting. ½-oz., 30c; Pkt., 10c.

**MOSS ROSE. (See Portulaca.)**

**MYOSOTIS (Forget-Me-Not). Bien. Per. my-o-soh'-tis.**

Blue dainty flowers, for moist, shady beds and borders; 1 foot; sow January to June. Germination period 2 weeks.

**Biennials:**

**Alpestris**, blue, spreading.

**Victoria**, bright blue, yellow-centered, for edging, 8 inches.

**Perennials:**

**Oblongata perfecta, Blue Bird**, deep blue, best winter-flowering variety.

**Palustris semperflorens**, blooms from early spring until fall. Pkts., 15c.

**NASTURTIIUM (Tropaeolum). tro-pee'-o-lum.**

Bright flowers, very easily grown; the dwarf sorts for edgings in sun or partial shade, the tall covering low fences, or trailing as a ground cover, and both furnishing bouquets; sow March to August. Germination period 10 to 14 days.

**Double-flowering** (spreading type):

**Golden Gleam**, large, fragrant golden yellow flowers in profusion.

**Mahogany Gleam**, rich dark red.

**Moon Gleam**, soft creamy yellow.

**Orange Gleam.**

**Salmon Gleam**, buff pink.

**Scarlet Gleam**, bright scarlet.

**Gleam Hybrids**, cream, yellow, orange, scarlet, crimson, yellow spotted red, etc., **Mixed.**

All above, oz., 25c; ½-oz., 15c; Pkts., 10c.

**Double Dwarfs** (Gem Type; 10 inches):

**Golden Globe**, new double, rich yellow dwarf.

**Scarlet Gem**, vivid red, green leaves.

**Gem Mixture** (all colors). Oz., 35c; Pkts., 10c.

**Dwarf Singles Mixed** (all colors; 10 inches). Oz., 15c; ½-oz. pkt., 10c.

**Tall or Trailing, California Giants Mixed.** Oz., 15c; ½-oz. pkt., 10c.



**NEMESIA.** ne-mee'-she-a.

Orange, yellow, rose, scarlet flowers in clusters; for showy beds and borders in winter and spring; sow October to April. Germination period 20 days.

**Strumosa grandiflora Suttoni**; Large-flowered **Blue, Orange, Rose, Scarlet**, and **Mixed**, 1 foot. Pkts., 10c.

**Compacta Blue Gem**, splendid forget-me-not-like bedder, 7 in. Pkt., 10c.

**NEMOPHILA insignis (Baby Blue Eyes).** nem-off'-i-la.

Sky-blue or white cups; California native; for beds and bulb-cover in sun or partial shade; 6 inches; sow where to remain, October to May. Germination period 7 to 10 days. **Maculata**, spotted lavender. **Giant White. Clear Blue.** Oz., 35c; ½-oz., 20c; Pkts., 10c.



**Baby Blue Eyes**  
(Nemophila)

**NEPETA Mussini.** Per. nep'-e-ta.

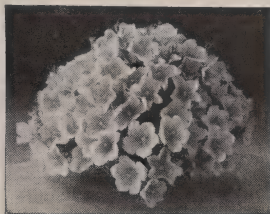
Small blue flowers; grey foliage, ideal for rockeries and edgings; 1 foot; sow January to April. Germination period 18 days. Pkt., 15c.

**NICOTIANA Affinis (Sweet-scented Tobacco Plant).**

ni-koh-she-ain'-a.

White, pink, lavender, and crimson, large, open flowers with long tubes, very fragrant at night; easily-grown, quick and continuous-flowering; 2 to 4 feet; sow where to remain, October to June. Germination period 10 days. **Waxy White; Crimson King; Hybrid Mixed**, all colors. ¼-oz., 36c; Pkts., 10c.

**Suaveolens**, new semi-dwarf with medium-sized sweetly-fragrant white flowers. Pkt., 25c.



**Dwarf Cup Flower,**  
or **Nierembergia**

**Crimson King**  
← **Nicotiana**

**NIEREMBERGIA Hippomanica (Dwarf Cup Flower).** Per. near-em-ber'-ji-a.

Lavender-blue open-cup flowers cover the compact, dwarf (5 inch) bushes all spring and summer. One of the best new flowers! Sow March to June for bloom first year. Pkt., 25c.

**NIGELLA Damascena (Love-in-a-Mist).** ny-jell'-a.

Semi-double, blue flowers, nestling in fine, feathery foliage; 1½ feet; sow February to May. Germination period 2 weeks. **Miss Jekyll**, cornflower-blue. ¼-oz., 25c; Pkt., 10c.

**NOLANA (Chilian Bell Flower).** no-lay'-na.

Blue-lavender bell-shaped flowers, on a sunny ground-cover plant; 6 inches; sow February to May. Pkt., 10c.

**OENOTHERA Lamarckiana (Evening Primrose).** Bien. ee-noth'-er-a.

Yellow, large flowers, opening at dusk and fragrant in the evening; easily-grown background plant in sun or semi-shade 4 feet; sow December to March. Germ. per. 30 days. ½-oz., 20c; Pkt., 10c.

**PAINTED DAISY.** (See *Chrysanthemum*, Annual.)**PANSY**

Reds, purples, blues, yellow, and white; unsurpassed for low beds and edgings; 6 inches; sow July to September for winter, and until March for spring and summer. Germination period 10 to 15 days.

**Baby Delight**, new clear light blue with wavy petals; dwarf, compact plants; ideal for late or spring planting, flowering in 70 days. Pkt., 25c.

**Roggli's Swiss Giants** (original seed). The very largest flowers and longest stems.

**Alpenglow**, rich deep red.

**Hohenfuer**, orange-red shades.

**Lake of Thun**, pure deep blue.

**Rheingold**, immense dark-centered yellow.

**Gold Gelbe**, largest pure yellow.

**Berna**, rich purple.

**Jungfrau**, best pure white.

**Mixed**, a splendid range of colors. 1/16-oz.. \$1.75; Pkts., 25c.

**Geneva Giants**, less expensive American-grown Swiss Giant strain. 1/8-oz., \$1.25; Pkt., 15c.

**Super Maple Leaf Giants**, huge flowers in a lighter color-range. 1/16-oz., \$1.50; Pkt., 25c.

**Engelmann's Giants**, as large-flowered as the Roggli, in a different color range. 1/16-oz., \$1.75; Pkt., 25c.

**Steele's Mastodon Jumbo Mixture**, the largest-flowered American strain. 1/16-oz., \$1.75; Pkt., 25c.

**Campbell's Argyle Giants**, splendid bedding mixture, with fine colors and good-sized flowers. Oz., \$4.50; 1/4-oz., \$1.25; 1/16-oz., 35c; Pkt., 10c.

**PASITHEA coerulea.** Per. pas-sith'-i-a.

Deep, luminous blue star-like flowers in mid-spring, in loose clusters on wiry stalks well above grass-like foliage, entirely dormant in summer; 3 feet; rare, fine for cutting; sow March to August. Pkt., 25c. (Dormant bulbous clumps available August to October. Each 25c.)

**PASSION VINE** (*Passiflora edulis*). Per. Vine.

Beautiful and interesting waxy blue-and-white flowers on attractive vine, evergreen in mild climates, apt to winter-kill in severe; fruits edible, and much-prized for the strongly-flavored juice; sow March to July. Germination period 30 to 40 days. Pkt., 15c.

**PENTSTEMON.** Per. pent-ste'-mon.

Pink, scarlet, crimson, purple and white, gloxinia-like flowers in spikes, unusually showy in beds and borders; sow December to April for blooms same season. Germination period 17 days.

**Dwarf varieties** (1 foot):

**Heterophyllus "Blue Gem,"** rich blue.

**Tall varieties** (2-2½ feet):

**Coboea**, very large-flowered lavender.

**Miniature Hybrids**, for cutting or bedding, with flowers like Sensation, but one-half the size.

**Sensation, Pink**, shades.

**Sensation, Red**, shades.

**Sensation, Violet-purple**, shades.

**Sensation Mixed.** 1/16-oz., 50c; Pkts., 15c.



**Unusual Petunia**  
**Hollywood Star**



**"Carnation" Poppy**  
See page 50

**PETUNIA hybrida.** pe-too'-ni-a.

Pink, rose, red, lavender, blue, purple, and white; unusually floriferous bedding plants, continuing in bloom from spring to winter; sow January to July. Germination period 10 days.

**Cultural Note:** Mix seed with fine sand and sprinkle over surface of ready-moistened, finely-screened light soil-mixture in seed-pans or flats. Cover with glass or damp burlap until seed sprouts; watering unnecessary if soil was properly moistened, although watering from below allowable. Remove cover when first sprouts show.

**Miniature, Very Dwarf Sorts** (6 inches):

**Brilliant Rose Gem**, new rich deep rose.

**Pink Gem**, rose-pink.

**White Gem**, new white. 1/32-oz., 45c; Pkts., 15c.

**Violet Gem**, new violet-blue.

See Novelties, page 6.

**Dwarf Sorts** (Nana Erecta; 9-12 inches):

**Celestial Rose**, improved Rose of Heaven, bright rose.

**Cream Star**, new creamy-white, very compact (15c).

**First Lady**, new pink. See Novelties, page 5.

**Glow**, new scarlet-rose; splendid bedder (15c).

**Heavenly Blue** (Silver Blue), light blue.

**Rosy Morn**, bright pink, white throat.

**Salmon Supreme**, new salmon-pink (25c).

**Snowball**, pure white.

**Twinkles**, brilliant rose, starred white.

**Violet-Blue**, new rich blue-purple (15c).

**Mixed Dwarf Bedding Varieties.**

All unpriced items, 1/16-oz., 40c; Pkts., 10c.

**Dwarf Large-flowered or Ruffled Sorts:**

**Betsy Ross**, new ruffled red-and-white.

**King Henry**, new, best velvety red.

**Martha Washington**, ruffled pink, veined wine-red in the throat. Pkts., 25c.

**General Washington**, new. See novelties, page 6.

**Ruffled Mixed**, new mixture of these. Pkt. 25c.

**Large-flowering (Bedding-Spreading) Group;**  
1½-2 feet:

**General Dodds**, blood red (Pkt., 10c).

**Honor Bright**, new large-flowered bright salmon. See Novelties, page 6.

**Radiance**, brilliant rose-and-gold. See cover, and page 7.

**Topaz Rose**, new, intense deep rose: fine.

**Violacea**, Elks' purple.

**Balcony Blue**, large blue-purple.

**Balcony Cornflower Blue**, light blue.

**Balcony Rose**, rose-pink.

**Balcony Mixed**, trailing vine-habit. Pkts., 15c.

**Giant, Ruffled-flowering Sorts** (1-1½ feet):

**Burgundy**, wine-red with white throat.

**Copper Red**.

**Dainty Lady**, new fringed, pale yellow.

**Elks' Pride**, blue-purple.

**Pink Glory**, splendid pure rose-pink.

**Pink Triumph**, clear pink, frilled edge.

**Steel Blue**, veined deeper.

**White Cloud**, pure white, compact.

**Giants of California, Supreme Strain**, new mixture stressing the pink and rose shades, but including all colors.

All above, Packets, 25c; 5 for \$1.00.

**Double Giant Ruffled:**

**Blue Brocade**, new rich violet-blue. See Novelties, page 5.

**Extra Select Double Mixed**. Pkt., 50c; 3 for \$1.25.

**PHACELIA.** fa-see'-li-a.

Blue shades; native; sow November to April. Germination period 15 days.

**Blue Plate** (Viscida; 1 foot), with large brilliant blue flowers for bedding. ¼-oz., 35c; Pkt., 10c.

**Campanularia** (California Blue Bell; 6 inches), g-antian-blue bell-flowers for edging, flowering quickly. ¼-oz., 35c; Pkt., 10c.

**Tanacetifolia** (Wild Heliotrope; 2 feet), mauve-blue cluster, good for bees. ½-oz., 25c; Pkt., 10c.

**Whitlavia** (Wild Canterbury Bell; 1 foot), dark blue bells in sun, or partly-shaded beds. ¼-oz., 35c; Pkt., 10c.



**PHLOX decussata grandiflora. Per.**

Pinks, reds, lavenders, purple and white; showy summer border plant; seeds slow to germinate, taking from 6 weeks to 6 months; 3 feet; sow October to March. **Mixed.** Pkt., 15c.

**PHLOX Drummondii grandiflora.**

Pinks, reds, lavenders, salmon, yellow, and white; easily-grown, spring, summer and fall bedder; sow January to July. Germ. period 10 to 15 days.

**One-foot varieties:**

**Chamois Rose** (salmon-pink).

**Dark Red.**

**Fiery Scarlet.**

**Deep Rose.**

**Flesh Pink**, rose eye.

**Isabellina**, creamy yellow.

**Pure White.**

**Violet**, white eye.

All above,  $\frac{1}{8}$ -oz., 40c;

Pkts., 10c.

**Gigantea**, extra-large-flowered strain:

**Gay Annual Phlox**

**Salmon Glory**, new salmon-pink, with cream eye. Pkt., 15c.

**Rosy Morn**, new bright rose-pink with white eye. See Novelties, page 7.

**Art Shades Mixed**, contains the above, and other light shades.  $\frac{1}{8}$ -oz., 50c; Pkt., 15c.

**Dwarf varieties** (nana compacta; 6 inches):

**Fireball**, scarlet.

**Chamois Rose**, salmon pink.

**Violet Blue.**

**Mixed Dwarfs**, 1/16-oz., 45c; Pkts., 15c.

**PHYSALIS Franchetti (Chinese Lanterns). Bien.**

fiss'-a-lis.

Orange-scarlet pods the second year, beautiful dried for winter decoration;  $1\frac{1}{2}$  feet; sow January to June. Germ. period 3 weeks.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**PHYSOSTEGIA Virginiana (Obedient Plant). Per.**

fy-soh-stee'-ji-a.

Lavender-pink, tube-shaped flowers in showy spikes on bushy border plant in July and August; 4 feet; sow September to May. Germination period 25 days. 1/16-oz., 40c; Pkt., 15c.

**PLATYCODON grandiflora (Bell Flower). Per.**

plat-i-koh'-don.

Blue, balloon-like buds, opening into large, deep blue bell-shaped flowers for partly shaded borders;  $1\frac{1}{2}$  feet; sow August to March. Germination period 12 to 15 days.  $\frac{1}{8}$ -oz., 45c; Pkt., 15c.

**PLATYSTEMON Californicus (Cream Cups).**

plat-i-stee'-mon.

Native; creamy-white flowers like miniature double Shirley poppies; sow October to March in full sun, where to remain.  $\frac{1}{8}$ -oz., 45c; Pkt., 15c.

**POPPY (Papaver sp.). pah-pay'-ver.**

Pink, rose, orange, and red shades; quick, showy, large-flowered bedders, which may be cut if the cut ends of the stems are singed; sow November to May. Germination period 10 to 14 days.

**Flanders** (True French Poppy), deep red.

**Shirley** (crinkled petals and hairy foliage;  $1\frac{1}{2}$  feet):

**American Legion**, large orange-scarlet.

**Wild-Rose Pink.**

**Single Mixed**, many choice shades.

**Double Camellia-flowered.** All, Oz., 60c;  $\frac{1}{4}$ -oz., 20c; Pkts., 10c.

**Tall Sorts** (smooth foliage; 3 feet):

**Single Mixed.**

**Double Salmon Pink**, huge pompons.

**Double Carnation Flowered. Mixed.** Pkts., 10c.

**POPPY. per.**

Sow August to March. Germination period 10 to 15 days.

**Glaucium** (3 feet), deep, glossy orange, smooth

**POPPY**, continued.

foliage, magnificent specimen plant. Pkt., 10c.

**Nudicaule (Iceland)**; 1½ feet, with crinkly-petalled flowers on long stems above low leaf-clumps, fine for edgings and bouquets; bloom first year:

**Pastel Tints**, New. See Novelties, page 7.

**Sandford's Giants**, oranges, yellows, and white—the best strain in size of flower and vigor.

**Gartref Hybrids**, giant flowers in beautiful shades, picotee-edged.

**Empress**, lovely, large salmon-rose shades.

**Emperor**, giant orange.

**White**, pure white.

**Yellow Wonder**, giant buttercup-yellow. 1/16-oz., 40c; Pkts., 15c.

**Oriental Hybrids** (2½ feet), strong foliage and stems, and huge flowers in salmon, rose, orange and red shades. Pkt., 15c.

**PORTULACA grandiflora (Moss Rose).**

pohr-tew-lak'-ka.

Pink, rose, lavender, yellow, orange, and red shades; showy ground-cover and bedder standing hot, dry situations; 6 inches; sow February to May. Germination period 2 weeks.

**Single:**

**Rose, Red, Yellow, Rainbow Mixed.** ¼-oz., 45c; Pkts., 10c.

**Double, Reselected Mixed.** ⅓-oz., 65c; Pkt., 15c.

**PRIMULA (Primrose). Per. prim'-you-la.**

Showy flowers for pots and beds in shade.

**Cultural Note:** Sow seeds on surface of compost half fibrous loam, balance equal parts leaf-mold, decayed cow manure, and sharp sand (if manure is not old, it is better left out), pressed firmly in flat, or 6-inch pot half filled with drainage. Sprinkle seeds thinly with similar soil, and cover with pane of glass. Shade from sun and keep moist from below. May is best month, but sowings may be made successfully any time.

**Polyanthus** (Perennial English-type; 6 inches: Yellow, orange, brown, red, purple flowers in large clusters. Germination period 60 days):

**Giant Munstead Strain**, mostly yellow shades.

**Kleynii**, the finest large deep yellow.

**Vulgaris** (Common Primrose), yellow, fragrant. (15c.)

**Giant-flowered Hybrids**, all colors. Pkts., 25c; 5 for \$1.00.

**Chinese type:**

Salmon, rose, lavender, crimson, white; for pots and bedding; 10 inches. Germination period 15 days.

**Chinensis Stellata (Star) Mixed.**

**Chinensis Fimbriata Mixed.** Pkts., 25c; 5 for \$1.

**Malacoides (Baby Primrose):**

Feathery clusters of small flowers for winter and spring beds and edging; 1 foot. Germination period 3 weeks.

**Brilliancy**, new rose-red.

**Deep Lilac**, large-flowered.

**Eriksonii**, new rosy lilac; large.

**Light Lilac**, the earliest-flowering.

**Snow Queen**, giant white.

**True Rose**, deep rose-pink. Pkts., 25c; 5 for \$1.

**Giant-Flowered** (New Strain; illus. page 61.)

**Enchantress**, soft salmon-rose.

**Lavender Glory**, deep lavender.

**Snow-Flake**, pure white.

**Double Fairy Jewels**, rich rose-pink. Pkts., 50c.

**Obconica:**

Large flowers, from December to July; 10 inches. Germination period 30 days.

**Apple Blossom**, light rose-pink.

**Berlin Red (Fassbender Strain)**, huge deep red.

**Coerulea**, clear blue.

**Lachsrosa**, fine new salmon-rose.

**Rhine Pearl**, salmony-red.

**Salmon Queen**, pure salmon pink.

**Wyaston Wonder**, new, largest dark red.

**White**, large pure white.

**Grandiflora Mixed.** Pkts., 50c; 3 for \$1.25.

**PUERARIA. (See Kudzu Vine.)**

**PYRETHRUM parthenifolium aureum. Per.**

Yellow-foliaged edging plant, grown usually as an annual to border flower beds; 6 inches; sow October to May. Germ. period 3 weeks.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**PYRETHRUM roseum hybridum. Per. py-ree'-thrum.**

Pink, rose, and red, large daisy flowers above feathery foliage, for beds and bouquets; 1 to 2 feet. Sow September to May. Germination period 3 weeks.

**Grandiflorum Single Mixed.**

**Double Choice Mixed.** Large pkts., 35c; small, 15c.

**PYRETHRUM Tchihatchewi (Turfing Daisy). Per.**

Small white daisy-flowers on low, spreading ground-cover plant with feathery, gray-green foliage densely-placed; stands dry soil and walking-on; 6 inches; sow Feb. to July. Pkt., 15c.



Use Queen Anne's Lace Flower for Bouquets

**QUEEN ANNE'S LACE FLOWER.**

White, tiny flowers in umbels, the whole forming large lacy heads, attractive in the mixed bed, and useful as a cutflower filler;  $2\frac{1}{2}$  feet; sow February to May. Pkt., 10c.

**RANUNCULUS. Per. rah-nun'-cue-lus.**

Pink, red, salmon, orange, and yellow shades in wonderful variety; 1 foot; sow July to November for flowers first spring. Germination period 30 to 40 days.

**Bonnie Lassie**, pink shades.

**Gold**, true all-golden-yellow strain.

**Huntsman**, red shades.

**White**, (20% creams; 80% whites).

**Giant Double Mixed.** Large Pkts., 35c; small 15c.

**REHMANNIA angulata. Per. ray-man'-i-ah.**

Deep rose-pink flowers with spotted throats, resembling large Foxgloves, with beautiful foliage, the first season, in sun or partial shade; 2 to 4 feet; sow October to April.

**Alba**, lovely white; rare. Pkt., 25c.

**Pink Perfection**, bright rose. Pkt., 15c.

**RHODANTHE maculata (Immortelle). roh-dan'-the.**

Rose and white, pendulous, everlasting flowers; 1 foot; sow December to May. Germination period 18 days. **Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**RICINUS. Per. (See Castor Oil Bean.)****ROCKERY PERENNIALS Mixed. Per.**

A splendid special mixture of 25 hardy, low-growing perennials, unusually interesting to grow, and of course ideal for rock-gardens; 6 to 12 inches; sow October to May. Pkt., 15c.



**ROMNEYA Coulteri (Matilija Tree Poppy). Per.**

rom'-nee-a.

White flowers, 6 inches across, with many yellow stamens; shrubby, handsome plant, with silvery leaves; 5 feet; sow August to March, allowing 7 to 9 months for germination. Pkt., 15c.

**RUDBECKIA (Cone Flower). rud-beck'-i-a.**

Golden yellow, single daisies, with brown cone-shaped centers, for borders or cutting, in sun or partial shade; 3 feet; sow Aug. to May. Germination period 8 to 10 days.

**Indian Maid.** Pkt., 15c.

**RUSSELL LUPINS. (See Lupinus polyphyllus.)****SAINTPAULIA ionantha (African Violet). Per.**

Deep blue, golden anthers; free and long-flowering pot plant; 6 inches; sow under glass November to March. Allied to Gloxinia, which see. Pkt., 35c.

**SALPIGLOSSIS gloxiniaflora (Painted Glories).**

sal-pi-gloss'-is.

Rose, red, yellow, purple, and white large rich velvety flowers mostly veined with gold, for a striking bed or bouquet; 2½ feet; sow November to May, preferably early as they make their best growth during cool weather. Sow where to remain, or transplant young. Germ. period 2 weeks.

**Emperor Mixed.** ¼-oz., 45c; Pkt., 10c.

**Semi-Dwarf** (New sturdy strain; 1½ feet):

**Blue-and-Silver,** mid-blue veined silver.

**Red Star Chamois,** buff-yellow, broad red stripes, star-like from gold throat.

**All-Colors Mixed.** Large Pkts., 35c; small, 15c.

**SALVIA (Sage). Per. sal'-vi-a.**

Blue flowers in spikes, for summer and fall beds; bloom first year; sow February to May. Germination period 2 weeks.

**Farinacea, Blue Bedder,** mid-blue, wooly stems and bracts.

**Patens,** pure indigo blue. Pkts., 15c.

**SALVIA (Scarlet Sage).**

Brilliant red flowers in summer and fall on bushy plants ideal for bedding; sow February to May. Germination period 2 weeks.

**Splendens Bonfire;** 2 feet. Pkt., 10c.

**Blaze of Fire;** the best compact, vivid scarlet; 1 foot. Pkt., 25c.



**"Painted Glories"**  
Describes Salpiglossis



**Sanvitalia**  
the Trailing Zinnia

**SANVITALIA procumbens. san-vi-tal'-i-a.**

Orange-yellow, zinnia-like flowers on trailing plant for hot, dry situations; 6 inches; sow January to May. Germination period 10 days. ¼-oz., 40c; Pkt., 10c.

**SAPONARIA vaccaria rosea. sap-o-nair'-i-a.**

Rose flowers in graceful sprays, like a large-flowered Gypsophila; 2 feet; sow February to April. Germination period 10 days. ¼-oz., 25c; Pkt., 10c.

**SCABIOSA (Scabious). Per.**

Large, splendid, long-stemmed cut-flowers; sow September to March. Germination period 3 weeks.

**Caucasica** (2 feet):

**Isaac House Hybrids**, shades of blue, lavender, and white. Pkt., 25c.

**Columbaria** (18 inches):

**Mauve-Lavender.**

**Mauve-pink.** 1/32-oz., 30c; Pkts., 20c.



**Try Hardy**  
**Hibiscus** . see page 37



**Perennial Scabiosa**  
**Isaac House Hybrids**

**SCABIOSA (Pincushion Flower).**

Blue, pink, white, yellow, scarlet, and crimson, large double flowers on long stems for beds and bouquets; 3 feet. Germination period 2 to 3 weeks.

**Cultural Note:** Annual Scabiosas, although they will bloom in summer, do best in cool spring months. Hence, advisable to sow in early fall in warm sections, and in late winter in cold climates. In So. Calif., plants winter over and give their best flowers early this second spring. Thrive in sun, in any good soil.

**Ageratum Blue**, best mid-blue.

**Azure Fairy**, sky blue.

**Blue Moon**, new mid-blue, ball-shaped flowers on extra-long stems. (15c.)

**Heavenly Blue**, new dwarf (18 in.) azure blue. (15c.)

**King of the Blacks**, maroon red.

**Loveliness**, salmon pink.

**Peace**, new. See Novelties, page 8.

**Rosette**, deep rose pink (15c.)

**Salmon Beauty**, new, light salmon shades. (15c.)

**Shasta Improved**, giant pure white.

**Giant Hybrids Mixed**, large flowers, rare colors. 1/4-oz., 30c; Pkts., 10c.

**SCARLET RUNNER BEAN. Vine.**

Bright red pea-flowers on rapid vine with large edible pods; sow February to May. Lb., 75c; 1/4-lb., 25c; oz., 10c.

**SCHIZANTHUS (Poor Man's Orchid). sky-zan'-thus.**

Chamois, rose, lavender, and purple shades, beautifully-marked and unusually formed flowers and fern-like foliage for pots, or partly shaded beds: 1 1/2 feet; sow January to May. Germination period 2 to 4 weeks.

**Grandiflorus Hybrids, Dr. Badger's Improved**, the finest strain. Pkt., 25c; 5 for \$1.00.

**Pansy-flowered**, large, full, richly-colored blooms. New. Pkt., 25c; 5 for \$1.00.

**Wisetonensis Mixed**, for bedding or spring ground or bulb-cover. 1/4-oz., 30c; Pkt., 10c.

**SEDUM (Stonecrop). Per. see'-dum.**

Succulent plants for pots, rockeries, and edgings; very easily grown; sow any month.

**Many Species Mixed.** Large Pkt., 35c; small, 15c.

**SHASTA DAISY (Chrysanthemum maximum). Per.**

Large white border and cutting flower; sow March to September. Germination period 10 to 14 days.

**Alaska** (largest-flowered; 2 1/2 feet).

**May Queen** (more flowers, somewhat smaller; 2 feet). 1/4-oz., 35c; Pkts., 10c.

**Double and Crested Mixed**, new beautiful strain, with large ball-shaped double flowers or single, anemone-centered blooms. Large Pkt., 50c; small 25c.

**SIDALCEA.** Per. sy-dal'-see-a.

Rose, mauve, and purple, hollyhock-like flowers in slender spikes for sunny borders and cutting; 3 to 4 feet; sow September to May.

**Rose-Queen**, rose-pink.

**New Hybrids Mixed.** 1/16-oz., 35c; Pkts., 15c.

**SENECIO elegans (Jacobaea) (Indian Blanket).**

Lavender, purple, red, and white, very double, medium-sized daisy flowers; an unusual bedding plant; 1½ feet; sow October to May.

**All Colors Mixed.** 1/32-oz., 30c; Pkt., 15c.

**SMILAX (Medeola asparagoides). Per. Vine.**

Shade-loving vine with light green foliage, useful for decorating; sow January to May. Germination period 1 month. ¼-oz., 35c; Pkt., 15c.

**SNAIL-VINE (Phaseolus caracalla). Per. Vine.**

Waxy-lavender, fragrant, curiously-twisted pea flowers in clusters; sow March to June, notching or soaking the seeds. Pkt., 15c.

**SNAPDRAGON. (See Antirrhinum.)****STAR OF TEXAS (See Xanthisma.)****SOLANUM (Jerusalem Cherry) (Christmas Pepper).**

soh-lay'num.

**Capsicastrum Clevelandi (Jerusalem Cherry):**

Large, bright red round berries on winter pot plant; 1 foot; sow May to August.

**Pepper, Floral Gem:** Small, pointed peppers, varying in color from creamy-white, lavender, yellow, and orange, to red, edible (very hot!) but grown chiefly as a Christmas pot plant. Pkts., 15c.



**"Russian Rat Tail" Statice**

**STATICE.** stat'-i-see.

Pink, blue, and yellow, small everlasting flowers in clusters; 3 feet; sow January to May. Germination period 2 to 3 weeks.

**Bonduelli**, yellow.

**Sinuata Rose, True Blue, Mixed.**

**Suworowii (Russian Rat Tail)**, rose. Pkts., 10c.

**STATICE (Sea-Lavender). Per.**

Straw-like flowers; basal leaves; 2 feet; sow October to April.

**Caspia**, sprays of tiny lilac flowers, to mix in bouquets.

**Perezi**, rich deep blue flower clusters, effective in borders. Pkts., 15c.

**STEVIA serrata. Per. stee'-vi-a.**

White, fragrant, small flowers in large heads for beds and mixed bouquets; may be grown as an annual; 2 feet; sow Jan. to May. 1/16-oz., 35c; Pkt., 10c.



**Beauty-type Aster, and (right) California Giant type . . . see page 17 . . . Packets 15c**



**STOCK.**

Splendid fragrant bedding and cutting plant; sow July to March. Germination period 5 to 10 days.  
**Cultural Note:** Stock seedlings should be transplanted early; plants must not suffer a check at any time as permanent stunting may result. Soil should be deep and rich, but well-drained, and never over-watered.

**Dwarf Ten-Week** (15 inches), best summer-flowering type, and only strain recommended for outdoor growth in East and Middle West.

**Lavender.**

**Flesh Pink.**

**Pansy Violet.**

**Rose-Pink.**

**White.**

**All Colors Mixed.** 1/16-oz., 30c; Pkts., 10c.

**Rose Pink,** a true rich pink.

**All Colors Mixed.** 1/16-oz., 35c; Pkts., 15c.

**Giant Imperial,** or Bismarck (2 1/2 feet):

**Antique Copper,** bronzy-red.

**Buttercup,** deep cream.

**Carmine Rose,** rosy-red.

**Chamois Rose,** creamy rose.

**Cream Pink,** ivory tinted pink.

**Dark Blue,** purple.

**Elks' Pride,** royal purple.

**Fiery Blood Red,** rich crimson.

**Flesh Pink.**

**\*Golden Gate,** large deep cream.

**Golden Rose,** yellow-centered.

**Lilac,** deep lavender.

**Old Rose.**

**\*Santa Maria,** giant white.

**\*Tahoe,** large clear lavender.

**\*Yosemite,** large rose-pink.

**\*Red Woods,** blood red.

**All Colors Mixed.** 1/16-oz., 40c; pkt., 15c. Separate colors, Pkt., 20c; 6 for \$1.00.

**\*These varieties are in the California Giants group, an Improved Giant Imperial strain.**

**Mammoth Beauty of Nice** (2 feet):

**Aurora,** cream-tinted pink.

**Beauty of Nice,** flesh-pink.

**Belle of Naples,** old rose.

**Perpetual Branching or Perfection** (2 feet):

**Empress Augusta Victoria,** silvery-lilac.

**Heatham Beauty,** golden rose.

**Queen of the Belgians,** pale violet.

**Snowdrift,** pure white.

**All Colors Mixed.** 1/16-oz., 40c; Pkts., 15c.

**Brompton** (Emperor or Winter; 1 1/2 feet; flower March to May):

**Celestine,** light lavender.

**Egyptian,** large rose-pink (grows to 2 1/2 feet).

**Empress Elizabeth,** bright deep pink.

**Red Lady,** bright red.

**Violetta,** deep violet-purple.

**White Lady,** pure white. Pkts., 25c; 5 for \$1.00.

**Colonial** (naturally base-branching; 2 1/2 feet):

**Priscilla,** silvery lavender.

**Mayflower,** rose-red.

**Puritan,** pure white. Pkts. 15c.



**Giant Imperial Stock,**  
**for Beds and Cutting**  
 . . . Mixed Pkt. 15c

**STOKESIA cyanea (Cornflower Aster). Per.**

stohks'-i-a.

Rich lavender-blue, large, cornflower-like aster flowers, on stiff stems, for border and bouquets; 1 foot; sow December to April. Germination period 4 weeks. 1/16-oz., 40c; Pkt., 15c.

**STRELITZIA reginae (Bird of Paradise). Per.**

Orange-and-blue, large, striking, bird-like flowers, blooms in 5 years from seed, and then much of the year; 3 to 4 feet; best sown November to April, in sand, leaf mold, and loam, mixed equally; when potting add bone meal. Like sun and plenty of water in summer. Fresh seeds, 15c each, 25 for \$2.50.

**STREPTOCARPUS. Per. strep-toh-karp'-us.**

Shades of blue, lavender, rose, and white trumpet-shaped flowers on handsome pot plants in seven months from seed; sow November to March. Allied to Gloxinia, which see for culture.

**Large-flowered Hybrids Mixed.** Pkt., 35c.

**SUNFLOWER. (See Helianthus.)****SWEET PEAS (Lathyrus odoratus).**

**Early Flowering Spencer** is the best strain for California and the south, or for greenhouse use anywhere, blooming from December to June if planted in August or September; flowers are very large, wavy, 3 to 4 on long stems; sow August to March. Germination period 10 days. Ask for special Sweet Pea Circular, printed each July, listing new varieties and giving cultural suggestions.

**Outstanding New Varieties** (Pkts., 25c):

**Gardenia**, large fragrant purest white.

**Rhumba**, deep golden salmon.

**Sparks**, vivid orange-scarlet.

**Tops**, bright rose-pink, yielding 5 and 6 giant flowers per stem.

**Leading Popular Varieties** (Oz., 50c; 1/2-oz., 30c; 1/4-oz., 20c; Pkts., 10c).

**Annie Laurie**, Deep Rose.

**Bacchus**, Red-Purple.

**Blue Danube**, Clear Blue.

**Boon**, Coral or Flame-Pink.

**Cavalcade**, rich Coral Pink.

**Chime**, soft Salmon Pink.

**Cinderella**, Light Blue.

**Daphne**, Salmon-and-Cream.

**Hiawatha**, huge Deep Rose.

**Hope**, Pure White.

**Mars**, Rich Blood-Red.

**Memory**, Orchid-Lavender.

**Oriental**, deepest Cream.

**Shirley Temple**, Rose-Pink.

**Star**, Rosy-Salmon.

**Top Hat**, Blue-Purple.

**Treasure Island**, Orange.

**Triumph**, Deep Lilac.

**Vulcan**, Vivid Scarlet.



**Plenty of "Fours" with Campbell's Sweet Peas**

**Campbell's Special Mixture** of Named Early Spencers contains all the above varieties. Oz., 45c; 1/2-oz., 25c; 1/4-oz., 15c.

**Spring-Flowering Spencers** (new group, commencing to flower about April 1 and continuing into summer from late fall sowings. Have greater vigor and resistance to drought than any other Sweet Peas. An excellent strain for a second or follow-up crop to the winter-and-spring-flowering Early Spencers):

**Mid-Blue; Lavender; Mauve-Lilac; Rose-Pink; Salmon-Rose; and White.** Pkts., 15c; 5 for 60c.

**Late Spencer Mixed** (bloom by May). Oz., 35c; 1/2-oz., 20c; Pkt., 15c.

**Dwarf Spencer**, for bedding (bushy plants; 1 foot):

**Bo-Peep**, new early salmon pink. Pkt., 15c.

**SWEET SULTAN. (See Centaurea imperialis.)****TORENIA Fournieri.**

Rich blue flowers with golden centers, in profusion, for pots or beds; 9 inches; sow March to June. Germination period 2 weeks. Pkt., 15c.

**SWEET WILLIAM (*Dianthus barbatus*). Per.**

Pink, red, and white flowers, like small pinks, in large clusters for beds and bouquets; 1½ to 2 feet; sow October to March. Germ. period 7 days.

**Newport Pink** (Pink Beauty), salmon rose.

**Scarlet Beauty**, bright red.

**Giant White**, new, very large flowers in immense trusses like Per. Phlox.

**Single Mixed**, all colors. ¼-oz., 40c; Pkts., 10c

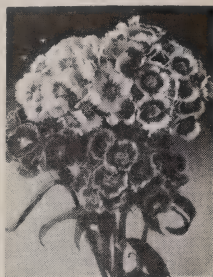
See illustration, page 68.

**Double Mixed**, all colors. ¼-oz., 50c; Pkt., 15c.

**Annual Sweet William**. Use Sweet Wivelsfield.

**SWEET WIVELSFIELD (*Dianthus barbaratus* x *Chinensis*).**

A cross between Sweet William and the annual Chinese Pinks; beautifully-marked flowers in clusters; very early and free-flowering; 1 foot; sow anytime. Germination period 1 week. ¼-oz., 45c; Pkt., 10c.



**Sweet Wivelsfield**

**TAHOKA DAISY**

Large lavender, yellow-eyed daisies on long stems for cutting and show; feathery foliage; 1½ feet; sow Feb. to May. Pkt., 15c.

**TEXAS BLUE BONNET. (See *Lupinus texensis*.)****THALICTRUM dipterocarpum (Meadow Rue). Per.**  
tha-lick'-trum.

Rosy-purple, yellow-anthered flowers in plumes, with maiden-hair-fern foliage, in August and September; 4 feet; sow October to May. Germination period 30 days. 1/16-oz., 40c; Pkt., 15c.

**THUNBERGIA alata (Black-eyed Susan).**

Orange, yellow, white, large flowers with black centers on vigorous trailer; sow February to June. Germ. period 2 weeks. **Mixed**. ⅛-oz., 30c; Pkt., 10c.

**THUNBERGIA Gibsoni. Per. Vine. thun-ber'-ji-a.**

Rich orange, large and showy flowers on tender climber or trailer, for greenhouse or sheltered position outdoors; sow, inside, anytime; outside, April to July. Germ. period 2 weeks. Pkt., 25c.

**TIDY TIPS. (See *Layia elegans*.)**

**Showy Tigridia**



**"Black-Eyed Susan"**  
(*Thunbergia alata*)  
is an Ideal Trailer

**TIGRIDIA hybrida (Mexican Flame Flower). Per.**

Red, yellow, orange, and rose-pink flowers resembling open tulips, extremely large and showy for the garden (flowers last but a day, but are produced freely for many weeks); pleated grass-like foliage; form bulbs; 15 inches; sow March to June for bloom second summer. **Hybrids Mixed**. Pkt., 25c.

**TRACHELIUM coeruleum. Per. tra-kee'-li-um.**

Tiny flowers in large, feathery heads, long-stemmed and excellent for cutting as well as garden-show; 1½ feet; sow Feb. to May. Pkt., 15c.



**TITHONIA speciosa (Mexican Sunflower).** ty-thoh'-ni-a  
Orange-scarlet, glistening flowers, like large single Dahlias, on rapid-growing, shrub-like annual for backgrounds and cutting; 6 to 9 feet; sow March to June. Germ. period 25 days. Bloom Oct.-Nov.

**Bright Orange.**

**Fireball**, new vivid orange-scarlet.  $\frac{1}{8}$ -oz., 60c; Pkts., 15c. (See illustration, page 2.)

**TRITOMA (Red Hot Poker; Kniphofia).** Per.

try-toh'-ma.

Red, orange and yellow flowers, in large spear-shaped heads; foliage grass-like; 3 feet; sow March to June; early sowings often bloom first season. Germination period 3 weeks.

**Pfitzer's Hybrid Red**, large and brilliant. (See illustration, page 67.)

**Hybrids Mixed**, all shades. Pkts., 15c.

**URSINIA pulchra. (African Daisy).** ur-sin'-i-a.

Vivid orange daisies, feathery foliage; a gem for low beds and edging; 6 inches; sow October to May. Large Pkt., 35c; Small, 15c.

**VALERIANA (Garden Heliotrope).** va-leer-i-ain'-a.

Rose, red, white, fragrant small flowers in heads, very freely produced;  $2\frac{1}{2}$  feet; sow December to April. **Rose-red, White, Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkts., 10c.

**VENIDIUM fastuosum.** ve-nid'-i-um

Glossy orange daisies with purple-black zone, 4 to 5 inches across, striking in the garden or cut; 2 to 3 feet; sow March to May. Germination period 12 to 25 days. Avoid over-watering. **Vivid Orange; New Hybrids**, in a mixture of shades from orange through yellows to cream and white. Pkts., 15c.



**Venidium.** Pkt., 15c. →

**VERBENA hybrida.** Per. ver-bee'-na.

Pink, rose, red, lavender, blue, purple, white flowers in clusters, brilliant for bedding, and trailing ground-cover; 1 foot; sow December to August. Germination period 10 to 15 days.

**Gigantea** (each floret in cluster usually as large as a quarter):

**Blue**, deep blue, white eye.

**Floradale Beauty**, new, salmon-rose shades.

**Lavender Glory**, large, best lavender.

**Spectrum Red**, new, intense red.

**White**, pure white.

**Mixed**, including other shades.  $\frac{1}{8}$ -oz., 45c; Pkts., 15c.

**Erect, Cutting Varieties:**

**Blue Sentinel**, new velvety blue-violet.

**Royal Bouquet Mixed.** Pkts., 15c.

**Trailing Varieties:**

**Erinoides**, small heads, fern-like foliage.

**Purple; White.**  $\frac{1}{8}$ -oz., 50c; Pkts., 10c.

**Venosa**, thrifty grower, purple head. **Lilacina**, lavender-blue.  $\frac{1}{8}$ -oz., 40c; Pkts., 10c.

**Bonariensis** (New), tall perennial to 5 feet, with rosy-purple flowers. Pkt. 15c.

**VERONICA spicata.** Per.

Rich deep blue, tiny tubular flowers in long, pointed spikes for borders;  $1\frac{1}{2}$  feet; sow March to Aug. Pkt., 15c.

**VINCA rosea (Periwinkle).** Per.

Pink and white, phlox-like, large flowers in sun or semi-shade; foliage dark, glossy green; 1 foot; sown February to April, will bloom same year. Germination period 2 weeks.

**Rose; White; Mixed.**  $\frac{1}{8}$ -oz., 40c; Pkts., 10c.



"Periwinkle," or  
Vinca Rosea

**VERBASCUM (Mullein), Per. ver-bask'-um.**

White flowers in erect spikes in summer; 2 feet; sow January to May.

**Miss Willmott**, large pure white. Pkt., 15c.

**VIOLET (Viola adorata). Per.**

Deep blue, fragrant flowers on long stems by the second year; 6 inches; sow July to March.

**The Czar**, large dark blue. Pkt., 15c.

**VIOLA cornuta (Tufted Pansy).**

Flowers, although smaller than pansies, are produced even more freely, and make Violas ideal bedding and border plants for winter and spring; 6 inches; sow July to March. Germination period 10 to 14 days.

**Arkwright Ruby**, new rich red. (Pkt., 25c.)

**Bizarre**, upper half purple, lower apricot. (25c.)

**Blue Perfection**, large clear blue.

**Blue Butterfly**, new, dark blue, upper petals pale blue.

**Chantreyland**, improved Apricot.

**Jersey Gem**, rich deep blue. (Pkt., 25c.)

**Lutea Splendens**, bright yellow.

**Papilio**, blue, upper petals white.

**Primrose Dame**, soft light yellow.

**Spring Messenger**, purple.

**Violet Papilio**, violet-blue.

**White Perfection**.

**Bright Mixed**, all colors.  $\frac{1}{8}$ -oz., 45c; Pkts., 15c.

**Johnny-Jump-Up**, little purple-and-gold pansy-faces, for rockeries and edgings. Pkt., 15c.



**Virginian Stocks, One of the Most Useful of All Flowers**

**VIRGINIAN STOCK (Malcolmia).**

Rose, red, yellow, white, small single flowers cover these low, splendid winter and spring edging, bulb-bed, and ground-cover plants; 6 inches; sow October to May. Germination period 12 days.

**Rose** (turns lavender); **Crimson Gem**; **White**;

**Mixed**. Oz., 30c;  $\frac{1}{2}$ -oz., 20c; Pkt., 10c.

**VISCARIA oculata. vis-kair'-i-a.**

Blue, pink, and white, large flax-like flowers, very effective in beds and bouquets; 1 foot; sow October to April; **Delphinium Blue**; **Rose-Pink**; **Mixed**.  $\frac{1}{8}$ -oz., 35c; Pkts., 10c.

**WALLFLOWER**

Rich reds, browns, yellows; fragrant, stock-like flowers, for bedding and cutting; 1 to 2 feet; sow September to March. Germination period 10 to 14 days.

**Single Annual: Blood Red, Paris Brown, Yellow, Mixed**.  $\frac{1}{2}$ -oz., 30c; Pkts., 10c.

**Double Mixed**. (Early Wonder).  $\frac{1}{16}$ -oz., 30c; Pkt., 15c.

**WILD CUCUMBER (*Echinocystis lobata*). Vine.**

Quick shade vine or ground-cover trailer, with attractive, light green foliage, and curious prickly fruits (a hardy native gourd); sow March to June. Germination period 10 to 20 days.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.



**New Giant Primula**  
*Malacoides* . . . See page 51



**A Favorite in Campbell's  
Wild Flower Mixtures, Phacelia  
Whitlavia, the Wild  
Canterbury Bell**

**WILD FLOWER MIXTURES, CALIFORNIA.**

Will grow almost anywhere, cover vacant lots and bare corners, and furnish cut-flowers. An ideal souvenir!

**Cultural Note:** Best sown in late fall in all climates, since they will bloom in late winter and spring in a mild region, yet lie dormant and sprout and bloom in early spring in the cold sections of the U. S. They may still be sown, with sure results, as late as April in Southern Calif., and June in the cooler sections. Broadcasting the seed, mixed with sand, over finely-pulverized soil in the open is the best plan. Rake-in very lightly, or merely cover with scattered soil or peat. If in the fall, do not water; if in the spring when natural rainfall cannot be depended upon, keep moist until sprouted, and irrigate thereafter.

**Campbell's Special Mixtures**, in contrast to many cheap mixtures, contain only California natives. The two mixtures are alike (with more than 20 species represented, to give a long and interesting season of bloom), with this exception; There is no California Poppy in mixture No. 2, for those who may have these bright flowers already established.

**Mixture No. 1**, including California Poppies. Lb., \$4.50;  $\frac{1}{4}$ -lb., \$1.40; oz., 45c;  $\frac{1}{2}$ -oz., 25c; Pkt., 10c.

**Mixture No. 2**, all varieties except California Poppy. Lb., \$5.00;  $\frac{1}{4}$ -lb., \$1.50; oz., 50c;  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**Separate Wild Flower Varieties.** Many of these are offered and described under their respective variety-names in this catalog: Abronia (Sand Verbena); Argemone (Prickly Poppy); Bartonla (Blazing Star); Clarkia; Collinsia (Innocence, or Chinese Houses); Eschscholtzia (Calif. Poppy); Gilia (Thimble Flower, Bird's Eyes, and Fairy Stars); Godetia (Farewell-to-Spring); Layia (Tidy Tips); Leptosyne (Sea Dahlia, and Wild Coreopsis); Limnanthes (Meadow Foam); Lupinus nanus (Dwarf Blue Lupin); Nemophila (Baby Blue Eyes); Phacelia (Calif. Blue Bell, Wild Canterbury Bell, Wild Heliotrope, etc.); Platystemon (Cream Cups); Viola pedunculata (Wild Yellow Violet).

**Souvenir Collection** of 10 Dependable California Wild Flowers, in separate 10c packets. our selection. **Special for 60c.**

**XANTHISMA texanum (Star of Texas).**

Large soft yellow daisies with long, pointed petals; plants form erect bushes,  $1\frac{1}{2}$  feet tall; drought-resistant; sow March to June. Pkt., 15c.

**XERANTHEMUM. zer-an'-the-mum.**

Pink, lilac, white, silky everlasting flowers, stiff-stemmed; 2 feet; sow February to May. Germination period 10 to 14 days. **Double Mixed.** Pkt., 10c.



**ZINNIA.** zin'-ni-a.

Our summer specialty. Pinks, reds, yellows, and purples, in vivid shades, unexcelled for summer bedding and cut-flowers. Sow March to July. Germination period 5 to 10 days.

**Cultural Note:** Sow Zinnia seed where the plants are to bloom if this is at all possible; otherwise transplant when the seedlings are small. When watering, rather than use the sprinkler, irrigate by the trench method and let the water run slowly for several hours until it has soaked down thoroughly into the ground through and beyond the roots. You will then have maximum results, yet need to water the plants only once every two weeks if the top soil is properly cultivated a day or so after each irrigation.

**Harmony-type Zinnias****Cupid Zinnias** (page 64)

**Dahlia-flowered** (huge, loose-petalled, cup-centered flowers; 2½ to 3 feet):

**Canary Bird**, bright yellow.

**Crimson Monarch**, huge rich red.

**Dream**, deep rosy lavender.

**Eldorado**, salmon-apricot shades.

**Exquisite**, light rose with deeper center

**Illumination**, deep rose.

**Golden State**, orange-yellow.

**Luminosa**, vivid deep pink.

**Meteor**, the deepest red.

**Oriole**, orange and gold bicolor.

**Polar Bear**, large white.

**Purple Prince**, deep purple.

**Will Rogers**, improved new scarlet.

**Gold Medal Mixed** (blended from named varieties). Oz., \$1.25; ¼-oz., 35c; Pkts., 15c, 7 for 85c.



**The Mexican Zinnia, Haageana** . . . Pkt. 10c  
 . . . See page 64

**ZINNIA**, continued

**California Giants** (Giant Mammoth; huge, close-petalled, flat-topped blooms; longer-stemmed than the Dahlia-flowered type; 3 to 3½ feet):

**Apricot Queen**, beautiful salmon-orange.

**Daffodil Improved**, canary yellow.

**Enchantress**, light rose with deeper center.

**Golden Queen**, deep yellow.

**Grenadier**, deep rosy-red.

**Miss Willmott**, soft pink.

**Orange King**, rich deep orange.

**Purity**, pure white.

**Rose Queen**, deep rose.

**Named Varieties Mixed**, all colors. Oz., \$1.25;

¼-oz., 35c; Pkts., 15c; 7 for 85c.



**You'll Like Fantasy Zinnias for that Vase Next Summer**  
... Pkt. 10c

**Crown o' Gold**, a new and pleasing Giant Dahlia-flowered Zinnia, with golden yellow overlaid on the base of the petals.

**Super Crown o' Gold Pastel Mixture**; the aristocrat of Zinnias. ¼-oz., 60c; Pkt., 15c.

**Cut and Come Again** (Medium sized flowers with the truest Zinnia colors; 2 feet):

**Canary Yellow; Crimson; Golden Orange; Salmon Rose; Scarlet; Spun Gold**, new cream-yellow; **All Colors Mixed**. Oz., \$1.00; ¼-oz., 30c; Pkts., 10c.

**Fantasy** (new, informal Chrysanthemum-flowered type with slender, daintily-twisted petals):

**Orange Lady**, orange.

**Rosalie**, old rose.

**White Light**, pure white.

**Wildfire**, new bright scarlet. (Pkt., 15c.)

**Mixed** (all Zinnia colors). ¼-oz., 45c; Pkts., 10c.

**Harmony Type** (formerly called Scabious-flwd.: crested or mounded center of small petals, surrounded by a row of broad petals):

**Campfire**, vivid scarlet.

**Sunburst**, bright yellow.

**Mixed** (all Zinnia colors). ¼-oz., 35c; Pkts., 15c.

**Howard's Giant Crested**. See Novelties, page 8.

**Navajo** (Gaillardia-flowered), new, two-toned, medium-sized flowers. **Mixed**. Pkt., 15c.

**Pumila Picotee Delight**, salmon-pink, quilled petals, tipped red-brown. Lovely. Pkt., 15c.

**ZINNIA**, continued on next page.

**ZINNIA, Continued.**

**Pompon (Lilliput;** small, very double flowers, fine for edgings and bouquets; 1 to 1½ feet):

**Canary Yellow; Crimson Gem; Golden Gem; Lavender Gem; Salmon Rose; Red Riding Hood, scarlet; White.**

**Pastel Shades Mixed** (new, soft colors found in no other zinnias. See illus. page 71.)

**All Colors Mixed.** Oz., \$1.25; ¼-oz., 35c; Pkts., 10c.

**Black Ruby,** new. See Novelties, page 8.

**Cupid,** new, with small, button-like flowers useful for cutting, on 1-foot plants. **Mixed.** ⅛-oz., 35c; Pkt., 15c.

**Tom Thumb Lilliput** (extra dwarf; 5 inches; very compact, for edgings and pots). **All Colors Mixed.**



**New Zinnia Navajo**



**Zinnia linearis**

**ZINNIA haagena (Mexican Zinnia).**

Many unusual and attractive combinations of red, bronze, and orange, with yellow, cream, and white, as well as plain colors, make this dwarf Zinnia beautiful for beds; the stems are long enough for cutting; 1 to 2 feet; sow March to July. Germination period 5 to 10 days.

**Hybrid Mixed.** ⅛-oz., 35c; Pkt., 10c.

**ZINNIA linearis.**

New species, with single, glistening orange-and-gold flowers on slender stems all summer and fall on compact 8-inch plants, ideal for showy summer bedding. Sow March to July. 1/16 oz., 30c; Pkt., 10c.

**ZINNIA, Trailing. (See Sanvitalia.)****PERFECT PERMANENT LABELS**

Perfect Garden Labels are made of heavy green celluloid composition—lead pencil marks are permanent and weatherproof in all soils and seasons.

**Tie-on Label**

(Length 3½"; width ¾");  
12 for 40c; 100 for \$3.00.

**Pot Label**

(Length 4"; width to ¾");  
12 for 35c; 100 for \$2.50).

**Border Label**

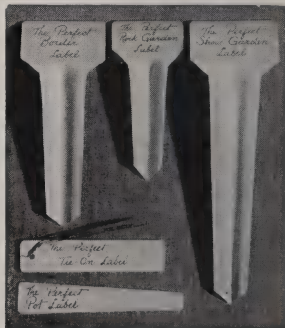
(Length 5"; width 2");  
12 for \$1.00; 25 for \$2.00.

**Rock Garden Label**

(Length 4"x1¾");  
12 for 90c; 25 for \$1.75.

**Show Garden Label**

(Length 7"x2½");  
12 for \$1.25; 25 for \$2.50.



Hold your plants quickly and neatly with Twist-Ems

125 8-inch for 25c

250 4-inch for 25c



## VEGETABLES

Campbell's Vegetable Seeds are the best varieties for home-gardens. They are grown from pure-bred stocks by specialist growers who are constantly bettering their strains through selection.

As with flower seeds, we carry all vegetables in bulk, and put up our own packets.

**ARTICHOKES, Green Globe**—Sow September to April, 1 inch deep; save seedlings with least spiny leaves; set 4 feet apart; bear in 2 or 3 years. Oz., 60c; Pkt., 10c. **Plants:** December to March, 25c each.

**ASPARAGUS, Mary Washington**—Sow March to May, transplant following February, use second year. Oz., 25c; Pkt., 10c. **Roots:** January to April, 35c dozen.

**BEANS**—Sow April to July.

**Bush:** Golden Wax, vigorous stringless, fine. Stringless Green Pod, early, productive.

**Pole:** Rust-Resistant Kentucky Wonder.

Broad Windsor (Horse), very hardy.

K. W., White-seeded, 10 days earlier.

K. W., Wax, extremely prolific, fine.

Yard-Long Bean, curious, rust-proof, and tasty.

Lb., 30c; Pkt., 10c.

**BEANS, Lima**—**Bush:** Fordhook, highest quality; large, plump.

Baby Potato, AAS winner, an improved Baby Lima.

Henderson's Bush (Baby Lima).

**Pole:** Fordhook Pole, high quality and prolific.

Lb., 40c; Pkt., 15c.

**BEETS, Table**—Sow January to September.

Detroit Dark Red, fine quality home beet.

Early Blood, good early. Oz., 15c; Pkts., 10c.

**Stock:** Sow January to May; Sugar Beet (Klein Wanzleben), sweetest.

Mammoth Long Red Mangel, largest. Lb., 60c.

**New Colonial Stock, Rose Standish** . . . Pkt. 25c . . . See page 8.



- BRUSSELS SPROUTS**—Sow August to February; cook like asparagus, before buds open. Pkt., 10c.
- BROCCOLI, Italian Green Sprouting**—Sow August to January. Oz., 30c; Pkt., 10c.
- CABBAGE**—Sow July to March; Copenhagen Market (Cannonball), very early, round, solid, sweet. Glory of Enkhuizen, second early. Danish Ball Head, best late. Round Red Dutch. Pkts., 10c.
- CARROT**—Sow January to October. Danver's Half-long, good flavor, productive. French Forcing, small, early. Nantes, Cylindrical, "stump-rooted." Oz., 25c; Pkts., 10c.
- CAULIFLOWER**—Sow August to December; give plenty of water, and tie up leaves loosely to keep head white; Early Snowball, extra early. Pkt., 10c.
- CELERY**—Sow February to July; easily grown in moist, rich soil. Utah, early green-type, rich and nut-flavored. Golden Detroit, self-blanching. Pkts., 10c.
- CHICORY, Witloof (French Endive)**—Sow Oct. to May; popular for winter salads. Oz., 25c; Pkt., 10c.
- CHIVES (Grass-Onion)**—Sow August to April; leaves for salads, milder than onion. Oz., \$1.75. Pkt., 10c.
- COLLARDS; Georgia**—Sow August to March; very hardy, kale-like "greens" plants. Oz., 20c; Pkt., 10c.
- CRESS Curled (Pepper Grass)**—Sow any time; frilled, pungent leaves for salads. Oz., 20c; Pkt., 10c.
- CORN**—Sow March to August; best planted in several rows, for pollenization. Black Mexican, rich, sweet, white when eaten. Gold Cross Bantam, (best hybrid). Golden Bantam Improved, large ears. Country Gentleman, long, narrow cob. Oregon Evergreen, fine sweet market sort. Field Corns: Golden Dent, and Hickory King. Pop Corn: Golden Hulless. Lb., 30c; Pkts., 10c.
- CUCUMBER**—Sow March to July; ready in 12 weeks; Chicago Pickling, fine. Japanese Climbing, fine quality, space saver. Lemon, very good. Stays-Green (Black Diamond or Long Green Improved). Small Gherkin, for pickling. Oz., 25c; Pkts., 10c. Rollinson's Telegraph, for greenhouse forcing. Pkt., 25c.
- DANDELION, Improved Thick-Leaved**—Sow January to April; cabbaging sort, much superior to uncultivated. Oz., 75c; Pkt., 10c.



Campbell's Long-Spurred Aquilegia, or Columbine . . .  
Pkt. 15c . . . See page 15

- EGGPLANT, Black Beauty**—Sow in hotbed January to April. Oz., 65c; Pkt., 10c.
- ENDIVE** (See also Chicory)—Sow August to March; treat, and use, like lettuce. Broadleaved Batavian Escarolle). Green Curled. Oz., 20c; Pkts., 10c.

**FENNEL, Sweet Florence**—Sow August to February; treat like celery; root, stalks, and leaves are edible; seeds for flavoring Oz., 25c; Pkt., 10c.



**"Red-Hot" Pfitzer's Hybrid Tritoma** . . . See page 59

**HERBS**—For flavor, fragrance, and garden-ornament; sow February to July.

Anise; with fragrant, tasty seeds.  
 Basil; for flavoring from seeds and leaves.  
 Borage; for leaves in drinks and salads.  
 Burnet; leaves cucumber-flavored, for salads.  
 Caraway; for seeds on cakes and candies.  
 Catnip; or Catmint; leaves for seasoning.  
 Chamomile; dried flowers used medicinally.  
 Chervil; for flavoring soups, etc.  
 Chives; listed elsewhere.  
 Coriander; seeds used for flavoring.  
 Dill; seed used as condiment and in pickles.  
 Fennel, listed elsewhere.  
 Lavender; flowers fragrant, fresh or dried.  
 Marjoram; leaves and shoots for flavoring.  
 Pennyroyal; leaves season puddings, etc.  
 Peppermint; leaves and stems for flavoring.  
 Rosemary; leaves used for seasoning.  
 Rue; leaves for medicine (good for fowls).  
 Saffron; used for coloring and flavoring.  
 Sage; leaves for seasoning and stuffing.  
 Summer Savory; for seasoning and flavoring.  
 Thyme; for seasoning, and medicinal use.  
 Wormwood; beneficial for poultry. All Pkts., 10c.

**KALE (Borecole)**—Sow August to April; Dwarf Green Curled for greens and garnishing.

Jersey (Thousand-headed), smooth leaves, prolific, for poultry.

Tall Scotch Curled, for greens. Oz., 20c; Pkts., 10c.

**KOHL RABI, Early Purple Vienna**—Sow August to February; cabbage-flavored but used like turnip. Oz., 35c; Pkts., 10c.

**LEEK, American Flag**—Sow August to December; used like green onions, but far larger and milder. Oz., 35c; Pkt., 10c.

**LETTUCE—Heading Varieties:** Early White Cos (Romaine; Celery Lettuce).

Los Angeles Market (New York), good header and shipper.

Imperial F, special strain resistant to blight.

**Leaf varieties:** Early Curled Simpson, best left unthinned in row.

Prizehead, very sweet, early, leaves red-edged. Oz., 20c; Pkts., 10c.

**MELONS**—Muskmelons: Hale's Best, round, orange flesh, fine flavor.

Honey Dew, very sweet, green flesh.

Persian, fine if thoroughly ripened on vines.

Tip Top, ribbed, thick, sweet yellow flesh.

Golden Hybrid Casaba, Pkt., 10c.

**Watermelons:** Klondike, oblong, dark green, very sweet.

Striped Klondike (Improved Rattlesnake). Pkts., 10c.



- MUSTARD**—Sow any time; turnip-like leaves for greens; Chinese, Brussels-Sprouts flavor.  
Giant Southern Curled. Oz., 20c; Pkts., 10c.
- OKRA (Gumbo)**—Sow April to July; pods used in soups, stews, and relishes; Dwarf Long Green Pod.  
Perkin's Mammoth Pod.  
White Velvet. Oz. 20c; Pkt., 10c.
- ONION**—Sow August to April; Bunching (Southport White Globe).  
Silverskin (White Portugal), for green onions, and best flat white cooking onion.  
Riverside Sweet Spanish, very large, yellowish, mild, delicious.  
White Bermuda (Crystal White), round, mild and sweet. Pkt., 10c.
- PARSLEY**—Sow any time.  
Paramount, extra-curly strain, for garnishing.  
Hamburg, thick parsnip-like roots for flavoring.  
Plain, leaves for flavoring. Oz., 20c; Pkts., 10c.
- PARSNIP, Hollow Crown**—Sow August to March; best given rich soil and plenty of water; improved by freezing in ground. Oz., 20c; Pkt., 10c.
- PEAS**—Sow September to February.  
**Dwarf:** Laxton's Progress (Improved Laxtonian), early.  
Giant Stride (Dwarf Telephone); mid-season.  
**Tall:** Alderman (Improved Telephone), medium early.  
Melting Sugar, Edible Pod), cook whole pods when peas half-developed. Lb., 30c; Pkts., 10c.



Campbell's Sweet William . . . Pkt. 10c . . . See page 58

- PEPPER**—Sow in hot-bed January to April, outdoors May to June.  
**Sweet:** California Wonder Bell, thick flesh, green when young, turning bright red.  
**Pimiento**, cone-shaped, green, turning ruby.  
**Hot:** Anaheim Chili, pleasing pungency.  
Floral Gem, small, for sauces and pickling; green, white, and red; often grown for pots. Pkts., 10c.
- PUMPKIN**—Sow March to July; Connecticut Field (Jack O'Lantern), for pies or stock.  
New England Pie (Sugar), finest quality. Oz., 20c; Pkts., 10c.
- RADISH**—Sow any time; Early Scarlet Globe, best.  
French Breakfast, olive-shaped, red.  
Icicle, crisp and mild.  
Long Scarlet.  
Scarlet Turnip, White Tipped.  
Large White Chinese Winter. Oz., 20c; Pkts., 10c.
- ROSELLE (Queensland Jelly Plant)**—Sow in April; ornamental; resists drought; use pods as soon as flowers drop, for jelly. Oz., 85c; Pkt., 15c.
- RUTABAGA (Swedish Turnip)**—Sow September to March; American Purple Top; larger, milder and sweeter than turnips. Oz., 20c; Pkt., 10c.

**SALSIFY (Vegetable Oyster)**—Sow in spring and dig in fall and winter; Mammoth Sandwich Island. best. Oz., 25c; Pkt., 10c.

**SPINACH**—Sow October to March; Giant Thick Leaved, large, tender, best warm-weather sort. Prickly-seeded Dark Green, best winter. New Zealand, spreading vine, with tips used like spinach for green. Pkts., 10c.

**SQUASH—Summer:** Early Bush Scallop (Patty Pan). Green-Type.

English Vegetable Marrow.

Italian Marrow (Zucchini).

Yellow Crookneck.

Yellow Straightneck.

**Winter:** Banana.

Hubbard.

Table Queen (Des Moines or Oregon), small and fine-flavored. Oz., 20c; Pkts., 10c.

**SWISS CHARD— (Spinach Beet)**—Sow January to September; Large Ribbed White, leaves for greens and leafstalks good asparagus substitute.

Lucullus, curly leaves, for greens, or chickens. Oz., 20c; Pkts., 10c.

**TOMATO**—Sow January to March in hot-beds, outside in April; staking is advisable; Earliana, best early.

Ponderosa (Beefsteak), best large.

Scarlet Dawn, best new Stone-type, wilt-resistant.

Stone, excellent solid.

Yellow Pear, small, firm, mild.

Ground Cherry, small, light green, in husks.

Oz., 60c; ¼-oz., 20c; Pkts., 10c.

**TURNIP**—Sow September to March; Purple Top Globe, fine table sort.

Snowball.

Orange Jelly (Golden Ball), best yellow.

Seven-Top, for greens. Oz., 20c; Pkt., 10c.



Campbell's Calif. Giant Cineraria . . . See page 24



**Lovely Semi-Double California Poppy Mixture Eschscholtzia Monarch Art Shades . . Pkt. 15c . . See page 31**

## GARDEN BOOKS

For added pleasure in gardening, or for specialized reading on your favorite garden subject, include one or several of these authoritative books with your seed order. Prices are postpaid.

<b>Azaleas and Camellias</b> , Hume...	14 ill.;	99 pp.	\$ 1.50
<b>Annuals, Book of</b> , Hottes.....	70 ill.;	170 pp.	1.50
<b>Bulbs, Book of</b> , Rockwell.....	187 ill.;	264 pp.	2.50
<b>Bulbs in Color</b> , McFarland.....	375 ill.;	296 pp.	1.98
<b>California, The Garden</b>			
Beautiful in, Braunton.....	34 ill.;	213 pp.	1.75
<b>California, Gardening for</b>			
Fun in, Consigny-Putnam.....	21 ill.;	249 pp.	2.50
<b>California, Gardening in</b> , Mitchell	28 ill.;	300 pp.	2.50
<b>Chemical Gardening for the</b>			
Amateur, Connors-Tiedjens...	69 ill.;	272 pp.	1.95
<b>Chrysanthemums Under Glass</b>			
and Outdoors, Laurie.....	33 ill.;	118 pp.	1.50
<b>Climbing Plants, Book of</b> , Hottes	79 ill.;	250 pp.	1.75
<b>Commercial Floriculture</b> , Bahr.	330 ill.;	640 pp.	5.50
<b>Dahlia Culture, Modern</b> , Waite.	30 ill.;	134 pp.	1.50
<b>Delphiniums</b> , Leonian .....	10 ill.;	100 pp.	1.00
<b>Design of Small Properties</b> ,			
Bottomley .....	64 ill.;	233 pp.	2.50
<b>Fertilizers</b> , Laurie & Edmond...	22 ill.;	147 pp.	2.00
<b>Fertilizers, Handbook of</b> ,			
Gustafson .....	ill.;	160 pp.	1.75
<b>Flower Arrangement</b> , Grayson..	30 ill.;	137 pp.	3.00
<b>From a Sunset Garden</b> , Mitchell	8 ill.;	337 pp.	2.00
<b>Garden Cinderellas (Lilies)</b> , Fox	51 ill.;	269 pp.	5.00
<b>Garden Dictionary</b> ,			
Edited by Taylor.....	535 ill.;	896 pp.	7.50
<b>Garden Flowers in Color</b> ,			
Stevens .....	400 color ill.;	310 pp.	1.98
<b>Garden Guide</b> , by 28 Specialists	300 ill.;	576 pp.	2.00
<b>Garden Pools</b> , Longyear.....	29 ill.;	91 pp.	1.00
<b>Gardener, The</b> , Bailey.....	116 ill.;	260 pp.	2.00



<b>Garden Encyclopedia</b> , Seymour.	750 ill.;	1400 pp.	<b>4.00</b>
<b>Gladiolus</b> , Rockwell .....	45 ill.;	79 pp.	<b>1.25</b>
<b>Gourds</b> , Dr. L. H. Bailey.....	42 ill.;	134 pp.	<b>2.50</b>
<b>Greenhouse, Gardening in the,</b> Dorrance .....	20 ill.;	129 pp.	<b>1.50</b>
<b>Herbs, Cooking With</b> , Mazza....		275 pp.	<b>2.00</b>
<b>Herbs, Gardening With</b> , Fox....	12 ill.;	334 pp.	<b>2.50</b>
<b>Herb Garden</b> , Bardswell.....	16 color ill.;	189 pp.	<b>1.80</b>
<b>Hortus: A Concise Dictionary of</b> <b>Gardening</b> , Bailey .....	35 ill.;	652 pp.	<b>5.00</b>
<b>How to Arrange Flowers</b> , Biddle	35 ill.;	95 pp.	<b>.75</b>
<b>Irises</b> , Rockwell .....	54 ill.;	80 pp.	<b>1.25</b>
<b>Landscaping the Small Home</b> ...			<b>1.00</b>
<b>Lawns</b> , Rockwell .....	39 ill.;	87 pp.	<b>1.25</b>
<b>Lilies in the Garden</b> , Quint.....	18 ill.;	93 pp.	<b>1.00</b>
<b>Manual of Gardening</b> , Bailey...	350 ill.;	539 pp.	<b>3.00</b>
<b>Modern Dahlia Culture</b> , Waite..	ill.;	130 pp.	<b>1.50</b>
<b>Mushrooms</b> , Falconer .....	30 ill.;	165 pp.	<b>1.75</b>
<b>Nursery Manual</b> , Bailey .....	240 ill.;	456 pp.	<b>2.50</b>
<b>Orchid Culture, American</b> , White	124 ill.;	260 pp.	<b>5.00</b>
<b>Ornamental Plants for Sub-</b> <b>tropical Regions</b> , Hoyt.....	prof. ill.;	380 pp.	<b>3.00</b>
<b>Perennials, Book of</b> , Hottes....	70 ill.;	200 pp.	<b>1.50</b>
<b>Propagation of Plants</b> , Kains..	prof. ill.;	450 pp.	<b>3.50</b>
<b>Prune Western Shrubs, How to,</b> Martin .....	35 diag.;	110 pp.	<b>1.00</b>
<b>Plant Propagation, 999 Questions</b> <b>Answered</b> , Hottes .....	136 ill.;	238 pp.	<b>2.00</b>
<b>Rock Garden</b> , Rockwell.....	32 ill.;	86 pp.	<b>1.25</b>
<b>Roses of the World in Color</b> , McFarland & Pyle.....	250 color ill.;	290 pp.	<b>3.50</b>
<b>Roses, How to Grow</b> , McFarland & Pyle.....	32 color ill.;	190 pp.	<b>1.00</b>
<b>Shrubs</b> , Rockwell .....	49 ill.;	76 pp.	<b>1.25</b>
<b>Shrubs, The Book of</b> , Hottes...	190 ill.;	448 pp.	<b>3.00</b>
<b>Standard Cyclopaedia of</b> <b>Horticulture</b> , Bailey ...	3 vol.; 5000 ill.;	3637 pp.	<b>15.00</b>
<b>Sunset's Complete Western</b> <b>Garden Book</b> .....	prof. ill.;	223 pp.	<b>1.00</b>
<b>Tropical Garden</b> , Kuck & Tongg	46 ill.;	378 pp.	<b>3.00</b>
<b>Tuberous Begonias and Their</b> <b>Culture</b> , Otten .....	36 ill.;	81 pp.	<b>1.25</b>
<b>Wall Shrubs and Hardy</b> <b>Climbers</b> , Bean .....	48 ill.;	180 pp.	<b>2.25</b>
<b>New Pastel-Shades Mixture of Pompon Zinnias is a</b>			
<b>"Must" . . . Pkt. 10c . . . See page 64</b>			





**Campbell's California Giant Zinnias are Famous**  
 Packets 15c . . . See page 63

## Recent Introductions

Don't overlook these Outstanding Newer Flowers, described in the body of the catalog. 1941 Novelties are on pages 3 to 8.

- Acroclinium.** Sensation Giants.
- Ageratum.** Midget Blue.
- Antirrhinum Medium.** Apple Blossom.
- Antirrhinum Medium.** Yellow Gem and New White.
- Aster.** Early Giant, Rose Marie, wilt-resistant.
- Antirrhinum.** Super Majestic, Golden Rod.
- Antirrhinum.** Tall, Rosalie.
- Callirhoe,** the Poppy Mallow.
- Calendula.** Yellow Colossal.
- Dahlia.** Coltness Hybrids Improved.
- Cleome lutea.** Golden Yellow.
- Cosmidium.** Orange Crown.
- Cynoglossum.** Chinese Forget-me-not, in mixture.
- Dimorphotheca spectabilis.** Vivid Pink.
- Echinacea,** the Pink Coneflower.
- Gazania.** New Hybrid Mixture.
- Gourds.** Some new sorts this year.
- Helianthus.** Sun Gold, Double Sunflower.
- Hollyhock.** Indian Spring, Annual Pink.
- Larkspur.** Pink Perfection.
- Lilies.** Many fine varieties have been added to our list
- Linaria.** Fairy Bridesmaid, Compact Yellow.
- Marigold.** 'Mum-flwd. Limelight.
- Marigold.** Dwarf, Spotlight, and Harmony Hybrids.
- Marigold.** Tall, Ferdinand.
- Marigold.** Dwarf, Yellow Pygmy.
- Marigold.** Red-and-Gold Hybrids.
- Mile-a-Minute Vine.**
- Petunia.** Cream Star, and Betsy Ross.
- Petunia.** Dwarf, Violet-Blue, and Glow.
- Pansy.** Baby Delight.
- Phlox gigantea.** Salmon Glory.
- Rudbeckia.** Indian Maid.
- Salvia farinacea.** Blue Bedder.
- Scabiosa.** Heavenly Blue.
- Sweet Peas.** Spring-Flowering Strain.
- Star of Texas.** Xanthisma Texanum.
- Sweet William.** Giant White.
- Verbena bonariensis.** 4-foot purple.
- Zinnia.** Fantasy, Wildfire.
- Zinnia.** Harmony-type, Campfire.